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1988

OKLAHOMA STATE DEPARTMENT OF HEALTH
DIVISION OF DATA MANAGEMENT
1000 N. E. 10th STREET
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This publication, printed by the Statistics Section of the Division of Data Management, as authorized by Joan K. Leavitt, M.D., Commissioner of Health, iss issued by the Oklahoma State Department of Health. Seven Hundred and fifty copies were prepared, printed and distributed at an estimated cost of $4675. Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries.

This publication is required by Oklahoma Statutes 1971, Title 63, Section 1-301 (b) and Section 1-303.

PREFACE

The 1988 edition of Oklahoma Health Statistics is designed to acquaint the public with health data for the State. The publication is a final summary of vital statistics for the calendar year of 1988. Emphasis was placed on several selected causes of death in order that their impact upon the State is fully realized.

In addition to this annual publication, the Public Health Statistics Section publishes a Monthly Vital Statistics Report which is a summary of provisional and statistical studies of special interest to persons in health related fields. This report is available to interested persons free of charge upon written request.

Any comments or suggestions for additional information are welcomed and should be directed to:

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ACKNOWLEDGEMENT

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G. E. Landry
Director
Division of Data Management

CONFIDENTIALITY OF VITAL STATISTICS

Oklahoma law assures confidentiality of Vital Statistics as indicated by Oklahoma Statutes Title 63 (Public Health Code) Section 1-323 below:

> Vital statistics records confidential - Exceptions.
>
> (a) To protect the integrity of vital statistics records, to insure their proper use, and to insure the efficient and proper administration of the vital statistics system, it shall be unlawful for any person to permit inspection of, or to disclose information contained in, vital statistics records or to copy or issue a copy of all or part of any such record except to the person himself or in his interest unless ordered to do so by a court of competent jurisdiction; provided, however, that death certificates shall be issued upon request and the payment of of applicable fees as provided in Section 1-325 of this Code.
>
> (b) The State Commissioner of Health may authorize the disclosure of data contained in vital statistics records for research purposes.
>
> (c) Information in vital statistics records indicating that a birth occurred out of wedlock shall not be disclosed except as provided by regulations or upon order of a court of competent jurisdiction. Laws 1963, c. 325, art. 3, Section 323; Laws 1968, c 44, Section 1, Emerg. Eff. March 7, 1968.

The State Department of Health observes the attached policies in determining when vital statistics may be released.

POLICIES

1. The State Department of Health may agree to joint participation in agency research projects, stipulating work to be carried out by the parties to such agreement.

2. Distribution may be made of lists of certain confidential events to approved agencies.

3. Copies of portions of confidential records may be furnished to Oklahoma agencies upon specific request, with acceptable justification for such request and assurance that such copies will be returned as soon as essential information is extracted.

4. No non-specific searches will be made. Accredited individuals or representatives or inter-state agencies may be granted permission to search indices if justification is adequate.

5. Costs of research data furnished government with the State Health Department, must be borne by the researching agency.

6. Copies of Death Certificates may be provided at a cost of five (5) dollars for each copy to anyone upon request.

7. Industrial firms may not receive copies of confidential data unless they are engaged in research in cooperation with a government or non-profit health agency, in which case policies for governmental or non-profit agencies shall apply.

8. Except under conditions outlined above, no copies of vital records will be furnished unless authorized by persons named in such records or, if deceased, by their nearest of kin.

9. Official records shall not be removed from the security storage area.

10. To obtain data from confidential records, please contact one of the following persons, the State Registrar, the Director of Data Management, or the Assistant Commissioner for Administration, State Department of Health, Northeast Tenth and Stonewall, P. O. Box 53551 Oklahoma City, Oklahoma 73152.

TABLE OF CONTENTS

METHODOLOGY...1

CAUSE OF DEATH CLASSIFICATION.......................................2

HOW TO OBTAIN A COPY OF A CERTIFICATE...............................3

REFERENCE TABLES..4

TABLE I Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths by 34 Selceted Causes, Number and Rate, Oklahoma, 1930-1988..................5-24

TABLE II Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths by 34 Selected Causes, Number and Rate, by Race, Oklahoma, 1988.............25-26

TABLE III Births and Deaths, Number and Rate, Oklahoma, 1988...27

TABLE IV Resident Live Births by Age of Mother, Race Number and Percent of Low-Weight Births, Oklahoma, 1988..................................28

TABLE V Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths by 34 Selected Causes, Number and Rate, and County, Oklahoma, 1988..........29-67

TABLE VI Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths by 34 Selected Causes, Number and Rate, by Race for MSA's Oklahoma, 1988....68-69

TABLE VII Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths by 34 Selected Causes, Number and Rate, by Race for Cities of 2500 or More, Oklahoma, 1988..............................70-133

TABLE VIII Resident Births, by County, Race, and Sex Oklahoma, 1988................................134

TABLE IX Resident Deaths by County, Race and Sex, Oklahoma, 1988..................................135

TABLE X Resident Deaths, by 34 Selected by Month of Death, Oklahoma, 1988.......................136-137

TABLE XI Resident Deaths, by 34 Selected Causes, by Age, by Race and Sex, Oklahoma, 1988........138-185

TABLE XII Leading Causes of Death, Number and Rank, by Race and Sex, Oklahoma, 1988................186

TABLE XIII Leading Causes of Death, Number and Rank by Age, Oklahoma, 1988...........................187

TABLE XIV Resident Deaths, by Three-Digit ICDA Codes, Number and Rate, and Race, Oklahoma, 1988...188-219

TABLE XV Fetal Deaths (Stillbirths), ICDA, by Race, Oklahoma,.1988....................................220

TABLE XVI Births and Deaths of Oklahoma Residents, by State of Occurrence and Births and Deaths of Out-of-State Residents Occurring in Oklahoma, by State of Resident, Oklahoma, 1988............221

TABLE XVII Births, Fetal Deaths (Stillbirths), Deaths Infant and Neonatal Deaths, by County of Residence and Occurrence, Oklahoma, 1988........222

TABLE XVIII Marriages and Divorces, Number and Rate, by County, Oklahoma, 1988......................223

TECHNICAL APPENDIX....................................224

DEFINITIONS...224

RATES AND RATIOS......................................225

NOTE ON THE USE OF RATES..............................226

GENERAL PATTERN OF VITAL STATISTICS REGISTRATION IN OKLAHOMA..227

Examples of Certificate in Use in Oklahoma

Figure 1. Certificate of Live Birth........................228

Figure 2. Certificate of Death Attending Physician.........229

Figure 3. Certificate of Death-Medical Examiner............229

Figure 4. Certificate of Fetal Deaths (Stillbirth).........230

METHODOLOGY

In order to facilitate understanding of the various tables presented throughout this volume, the mode by which the data is compiled is discussed.

Sources of Vital Statistics Data

The source documents for the natality and mortality data were the certificates of live births, deaths, and fetal deaths which were received in the Oklahoma State Department of Health prior to April 15, 1989.

Since most birth and death statistics are tabulated according to place of residence rather than where the event occurred, Oklahoma participates in a record exchange with other states so that those Oklahoma residents who give birth or die out-of-state can be included in the Oklahoma figures. Births and deaths are also reallocated within the state to the county of residence for statistical purposes.

Data relating to marriages and divorces was tabulated from monthly reports received from the court clerks of the county where the event occurred. Marriage and divorce date are tabulated by county of occurrence only.

Information obtained from the Certificates

The staff of Public Health Statistics code the information on the certificates in order that the data can computerized for ease of retrieval. The data coded on the birth certificaters incorporates various Socio-demographic characteristics of the parents and information about the infant (e. g., birth weight). The data coded on the death certificates includes socio-demographic data about the deceased, the underlying cause of death, and the National Safety Council accident codes if the cause of death was an accident.

Cause of Death Classification

The underlying cause of death is determined from the medical certification section of the death certificates in accordance with procedures established by the National Center for Health Statistics. Codes are assigned from the Ninth Revision, International Classification of Diseases, Adapted for the International Community, 1975 (ICDA).

In several tables, individual causes of death have been grouped into 34 causes. The leading causes were selected by a further grouping of the 34 causes.

HOW TO OBTAIN A COPY OF YOUR BIRTH CERTIFICATE

Births are recorded in the State where the birth occurs. For persons born outside Oklahoma, the State of Birth should be contacted in order to obtain copies of the Birth record.

For the Oklahoma born, application for a certified copy of the Birth is made by writing to the Vital Records Section, State Department of Health, Northeast 10th & Stonewall, P.O. Box 53551, Oklahoma City, Oklahoma 73152. A fee of five ($5.00) dollars must be inclosed to cover the cost of a search of the files and the issuing of a certified copy of birth certificate if a record is found. A self-addressed stamped envelope is helpful also.

If the birth has not been recorded for a child, please contact the State Deparatment of Health, Vital Records Section.

Birth certificates were first recorded by the Division of Vital Statistics in 1908.

DEATH CERTIFICATES

The certificate of Death must be filed with the local registrar within 3 days after the occurrence is known. The funeral director or other person in charge of internment is responsible for completing the non-medical portion before filing the certificate with the local registrar. The physician, coroner, or county health officer, as appropriate, has the responsibility for completing the medical portion of the certificate of Death within twenty-four hours after receipt of the certificate.

The medical portion of the certificate contains such information as the cause of death, antecedent conditions leading to the cause of death, place and time of death, and other medical information necessary to properly classify the death.

For persons who die in Oklahoma, application for a certified copy of the death is made by writing to the Vital Records Section, State Department of Health, Northeast 10th & Stonewall, P.O. Box 53551, Oklahoma City, Oklahoma 73152. A fee of five ($5.00) dollars must be enclosed to cover the cost of a search of the files and the issuing of a certified copy of the death certificate is a record is found. A self-addressed stamped envelope is helpful also.

Death Certificates were first recorded by the Division of Vital Statistics in 1908.

MARRIAGES AND DIVORCES

All marriages and divorce records are on file with the Court Clerk of each county in which the Marriage of Divorce was granted.

REFERENCE TABLES

Symbols Used in Tables

-	Number or rate is zero
---	Date not available
0.0	Rate is more than zero but is less than 0.05
...	Item not applicable

The rates in the following tables are expressed per 100,000 population.

TABLE I

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1930		1931		1932	
POPULATION	2,396,000		2,390,100		2,384,100	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	42,505	1774.0	43,269	1810.3	41,039	1721.4
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths	1,283	29.3	1,057	23.8	1,056	25.1
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	19,646	819.9	18,802	786.7	19,285	808.9
Deaths under 1 year	2,581	60.7	2,228	51.5	2,052	50.0
Deaths under 1 month	1,381	32.5	1,234	28.5	1,132	27.6
Tuberculosis (010-018)	1,222	51.0	1,232	51.5	1,090	45.7
Syphilis (090-097)	73	3.0	70	2.9	73	3.1
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	922	38.5	640	26.8	590	24.7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,197	50.0	1,250	52.3	1,365	57.3
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	147	6.1	166	6.9	196	8.2
Major cardiovascular diseases (390-448)	4,312	180.0	4,479	187.4	4,847	203.3
Diseases of the heart (390-398, 402, 404-429)	2,538	105.9	2,666	111.5	2,839	119.1
Rheumatic fever and rheumatic heart disease (390-398)	231	9.6	223	9.3	259	10.9
Hypertensive heart disease with or without renal disease (402,404)	224	9.3	237	9.9	251	10.5
Ischemic heart disease (410-414)	1,728	72.1	1,833	76.7	1,939	81.3
Other heart diseases (415-429)	355	14.8	373	15.6	390	16.4
Hypertension with or without renal disease (401,403)	87	3.6	135	5.6	126	5.3
Cerebrovascular disease (430-438)	1,471	61.4	1,500	62.8	1,640	68.8
Arteriosclerosis (440)	164	6.8	135	5.6	184	7.7
Other diseases of arterioes, arterioles, and capillaries (441-448)	52	2.2	43	1.8	58	2.4
Pneumonia and influenza (480-487)	1,895	79.1	2,219	92.8	2,692	112.9
Chronic obstructive pulmonary disease and allied conditions (490-496)	127	5.3	122	5.1	103	4.3
Ulcer of stomach and duodenum (531-533)	124	5.2	121	5.1	113	4.7
Chronic liver disease and cirrhosis (571)	85	3.5	80	3.3	76	3.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	438	18.3	396	16.6	421	17.7
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	258	10.8	222	9.3	217	9.1
Certain conditions originating in the perinatal period (760-779)	952	39.7	822	34.4	802	33.6
Symptoms, signs, and ill-defined conditions (780-799)	1,086	45.3	807	33.8	691	29.0
All other diseases (Residual)	4,731	197.5	4,364	182.6	4,155	174.3
Motor vehicle accidents (E810-E825)	511	21.3	442	18.5	463	19.4
All other accidents and adverse effects (E800-E807, E826-E949)	994	41.5	779	32.6	803	33.7
Suicide (E950-E959)	222	9.3	253	10.6	264	11.1
Homicide and legal intervention (E960-E978)	267	11.1	271	11.3	264	11.1
All other external causes (E980-E999)	86	3.6	67	2.8	70	2.9

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.
**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1933		1934		1935	
POPULATION	2,378,200		2,372,200		2,366,200	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	43,697	1837.4	47,302	1994.0	43,691	1846.5
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths	1,126	25.1	1,301	26.8	1,269	28.2
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	20,309	854.0	21,373	901.0	21,091	891.3
Deaths under 1 year	2,466	56.4	2,864	60.5	2,384	54.6
Deaths under 1 month	1,291	29.5	1,528	32.3	1,277	29.2
Tuberculosis (010-018)	1,134	47.7	1,089	45.9	83	3.5
Syphilis (090-097)	73	3.1	84	3.5	66	2.8
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	828	34.8	855	36.0	696	29.4
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,505	63.3	1,569	66.1	1,517	64.1
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	180	7.6	206	8.7	212	9.0
Major cardiovascular diseases (390-448)	5,317	223.6	5,341	225.1	5,670	239.6
Diseases of the heart (390-398, 402, 404-429)	3,161	132.9	3,119	131.5	3,457	146.1
Rheumatic fever and rheumatic heart disease (390-398)	263	11.1	256	10.8	260	11.0
Hypertensive heart disease with or without renal disease (402,404)	282	11.9	279	11.8	313	13.2
Ischemic heart disease (410-414)	2,182	91.8	2,159	91.0	2,414	102.0
Other heart diseases (415-429)	434	18.2	425	17.9	470	19.9
Hypertension with or without renal disease (401,403)	142	6.0	155	6.5	161	6.8
Cerebrovascular disease (430-438)	1,732	72.8	1,757	74.1	1,793	75.8
Arteriosclerosis (440)	214	9.0	235	9.9	197	8.3
Other diseases of arteries, arterioles, and capillaries (441-448)	68	2.9	75	3.2	62	2.6
Pneumonia and influenza (480-487)	2,575	108.3	2,309	97.3	2,661	112.5
Chronic obstructive pulmonary disease and allied conditions (490-496)	122	5.1	128	5.4	126	5.3
Ulcer of stomach and duodenum (531-533)	120	5.0	126	5.3	120	5.1
Chronic liver disease and cirrhosis (571)	89	3.7	88	3.7	91	3.8
Nephritis, nephrotic syndrome and nephrosis (580-589)	399	16.8	443	18.7	477	20.2
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	232	9.8	293	12.4	235	9.9
Certain conditions originating in the perinatal period (760-779)	858	36.1	1,081	45.6	868	36.7
Symptoms, signs, and ill-defined conditions (780-799)	742	31.2	799	33.7	729	30.8
All other diseases (Residual)	4,225	177.7	4,900	206.6	4,410	186.4
Motor vehicle accidents (E810-E825)	511	21.5	613	25.8	683	28.9
All other accidents and adverse effects (E800-E807, E826-E949)	789	33.2	857	36.1	887	37.5
Suicide (E950-E959)	230	9.7	214	9.0	240	10.1
Homicide and legal intervention (E960-E978)	312	13.1	304	12.8	224	9.5
All other external causes (E980-E999)	68	2.9	74	3.1	76	3.2

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.
**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1936		1937		1938	
POPULATION	2,360,300		2,354,300		2,346,400	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	41,815	1771.6	41,223	1751.0	44,190	1883.3
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths	1,182	27.5	1,170	27.6	1,215	26.8
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	23,250	985.0	21,399	908.9	20,422	870.4
Deaths under 1 year	2,509	60.0	2,354	57.1	2,202	49.8
Deaths under 1 month	1,368	32.7	1,329	32.2	1,285	29.1
Tuberculosis (010-018)	1,212	51.3	1,163	49.4	1,054	44.9
Syphilis (090-097)	95	4.0	87	3.7	99	4.2
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	843	35.7	687	29.2	549	23.4
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,709	72.4	1,846	78.4	1,816	77.4
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	253	10.7	220	9.3	232	9.9
Major cardiovascular diseases (390-448)	6,199	262.6	5,777	245.4	5,970	254.4
Diseases of the heart (390-398, 402, 404-429)	3,824	162.0	3,629	154.1	3,751	159.9
Rheumatic fever and rheumatic heart disease (390-398)	284	12.0	248	10.5	261	11.1
Hypertensive heart disease with or without renal disease (402,404)	347	14.7	332	14.1	343	14.6
Ischemic heart disease (410-414)	2,678	113.5	2,562	108.8	2,649	112.9
Other heart diseases (415-429)	515	21.8	487	20.7	498	21.2
Hypertension with or without renal disease (401,403)	168	7.1	110	4.7	97	4.1
Cerebrovascular disease (430-438)	1,870	79.2	1,738	73.8	1,807	77.0
Arteriosclerosis (440)	256	10.8	228	9.7	239	10.2
Other diseases of arterioes, arterioles, and capillaries (441-448)	81	3.4	72	3.1	76	3.2
Pneumonia and influenza (480-487)	3,411	144.5	2,752	116.9	1,816	77.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	127	5.4	111	4.7	112	4.8
Ulcer of stomach and duodenum (531-533)	114	4.8	110	4.7	107	4.6
Chronic liver disease and cirrhosis (571)	95	4.0	81	3.4	79	3.4
Nephritis, nephrotic syndrome and nephrosis (580-589)	531	22.5	571	24.3	535	22.8
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	256	10.8	261	11.1	252	10.7
Certain conditions originating in the perinatal period (760-779)	946	40.1	963	40.9	931	39.7
Symptoms, signs, and ill-defined conditions (780-799)	786	33.3	865	36.7	939	40.0
All other diseases (Residual)	4,384	185.7	3,979	169.0	3,962	168.9
Motor vehicle accidents (E810-E825)	656	27.8	632	26.8	588	25.1
All other accidents and adverse effects (E800-E807, E826-E949)	1,081	45.8	802	34.1	878	37.4
Suicide (E950-E959)	225	9.5	254	10.8	252	10.7
Homicide and legal intervention (E960-E978)	222	9.4	169	7.2	175	7.5
All other external causes (E980-E999)	93	3.9	69	2.9	76	3.2

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.
**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1939		1940		1941	
POPULATION	2,342,400		2,336,434		2,326,100	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	42,760	1825.5	44,258	1894.3	45,313	1948.0
Physician in hospital			17,740		20,999	
Physician not in hospital			25,216		22,677	
Midwife, other, or unknown			1,302		1,637	
Stillbirths	1,277	29.0	1,298	28.5	1,252	26.9
Physician in hospital			583		553	
Physician not in hospital			661		648	
Midwife, other, or unknown			54		51	
Total deaths, all causes	20,657	881.9	20,618	882.5	20,097	864.0
Deaths under 1 year	2,187	51.1	2,236	50.5	2,181	48.1
Deaths under 1 month	1,377	32.2	1,319	29.8	1,377	30.4
Tuberculosis (010-018)	1,066	45.5	1,054	45.1	996	42.8
Syphilis (090-097)	90	3.8	88	3.8	75	3.2
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	610	26.0	557	23.8	363	15.6
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,863	79.5	1,962	84.0	1,960	84.3
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	232	9.9	228	9.8	235	10.1
Major cardiovascular diseases (390-448)	6,491	277.1	6,731	288.1	6,934	298.1
Diseases of the heart (390-398, 402, 404-429)	3,871	165.3	4,255	182.1	4,636	199.3
Rheumatic fever and rheumatic heart disease (390-398)	282	12.0	335	14.3	343	14.7
Hypertensive heart disease with or without renal disease (402,404)	353	15.1	387	16.6	424	18.2
Ischemic heart disease (410-414)	2,729	116.5	2,985	127.8	3,275	140.8
Other heart diseases (415-429)	507	21.6	548	23.5	594	25.5
Hypertension with or without renal disease (401,403)	161	6.9	181	7.7	119	5.1
Cerebrovascular disease (430-438)	2,066	88.2	1,986	85.0	1,904	81.9
Arteriosclerosis (440)	299	12.8	235	10.1	209	9.0
Other diseases of arterioes, arterioles, and capillaries (441-448)	94	4.0	74	3.2	66	2.8
Pneumonia and influenza (480-487)	1,821	77.7	1,889	80.8	1,636	70.3
Chronic obstructive pulmonary disease and allied conditions (490-496)	115	4.9	100	4.3	94	4.0
Ulcer of stomach and duodenum (531-533)	128	5.5	95	4.1	87	3.7
Chronic liver disease and cirrhosis (571)	86	3.7	99	4.2	79	3.4
Nephritis, nephrotic syndrome and nephrosis (580-589)	459	19.6	531	22.7	476	20.5
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	285	12.2	277	11.9	295	12.7
Certain conditions originating in the perinatal period (760-779)	980	41.8	1,022	43.7	1,088	46.8
Symptoms, signs, and ill-defined conditions (780-799)	977	41.7	971	41.6	887	38.1
All other diseases (Residual)	3,723	158.9	3,399	145.5	3,174	136.5
Motor vehicle accidents (E810-E825)	518	22.1	473	20.2	510	21.9
All other accidents and adverse effects (E800-E807, E826-E949)	837	35.7	741	31.7	803	34.5
Suicide (E950-E959)	211	9.0	188	8.0	198	8.5
Homicide and legal intervention (E960-E978)	172	7.3	149	6.4	137	5.9
All other external causes (E980-E999)	73	3.1	64	2.7	70	3.0

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.

**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1942		1943		1944	
POPULATION	2,315,800		2,305,500		2,295,200	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	45,277	1955.1	47,800	2073.3	46,885	2042.7
Physician in hospital	24,812		29,180		31,580	
Physician not in hospital	18,985		17,064		13,510	
Midwife, other, or unknown	1,480		1,556		1,795	
Stillbirths	911	19.7	928	19.0	964	20.1
Physician in hospital	511		575		631	
Physician not in hospital	383		311		313	
Midwife, other, or unknown	17		42		20	
Total deaths, all causes	18,985	819.8	19,765	857.3	18,796	818.9
Deaths under 1 year	1,901	42.0	2,071	43.3	1,874	40.0
Deaths under 1 month	1,156	25.5	1,273	26.6	1,131	24.1
Tuberculosis (010-018)	912	39.4	870	37.7	836	36.4
Syphilis (090-097)	57	2.5	70	3.0	61	2.7
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	363	15.7	392	17.0	373	16.3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,967	84.9	1,958	84.9	2,054	89.5
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	230	9.9	263	11.4	224	9.8
Major cardiovascular diseases (390-448)	6,962	300.6	7,467	323.9	7,096	309.2
Diseases of the heart (390-398, 402, 404-429)	4,518	195.1	4,768	206.8	4,631	201.8
Rheumatic fever and rheumatic heart disease (390-398)	330	14.2	351	15.2	339	14.8
Hypertensive heart disease with or without renal disease (402,404)	414	17.9	438	19.0	426	18.6
Ischemic heart disease (410-414)	3,200	138.2	3,381	146.6	3,291	143.4
Other heart diseases (415-429)	574	24.8	598	25.9	575	25.1
Hypertension with or without renal disease (401,403)	123	5.3	203	8.8	200	8.7
Cerebrovascular disease (430-438)	2,017	87.1	2,142	92.9	1,948	84.9
Arteriosclerosis (440)	231	10.0	269	11.7	241	10.5
Other diseases of arterioes, arterioles, and capillaries (441-448)	73	3.2	85	3.7	76	3.3
Pneumonia and influenza (480-487)	1,137	49.1	1,224	53.1	1,225	53.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	99	4.3	103	4.5	121	5.3
Ulcer of stomach and duodenum (531-533)	90	3.9	87	3.8	104	4.5
Chronic liver disease and cirrhosis (571)	85	3.7	95	4.1	70	3.0
Nephritis, nephrotic syndrome and nephrosis (580-589)	420	18.1	455	19.7	415	18.1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	237	10.2	271	11.8	250	10.9
Certain conditions originating in the perinatal period (760-779)	874	37.7	1,000	43.4	924	40.3
Symptoms, signs, and ill-defined conditions (780-799)	931	40.2	1,049	45.5	477	20.8
All other diseases (Residual)	2,951	127.4	2,889	125.3	3,040	132.5
Motor vehicle accidents (E810-E825)	342	14.8	293	12.7	329	14.3
All other accidents and adverse effects (E800-E807, E826-E949)	947	40.9	953	41.3	887	38.6
Suicide (E950-E959)	161	7.0	144	6.2	142	6.2
Homicide and legal intervention (E960-E978)	129	5.6	100	4.3	92	4.0
All other external causes (E980-E999)	81	3.5	82	3.6	76	3.3

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.
**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1945		1946		1947	
POPULATION	2,284,900		2,274,600		2,264,300	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	43,405	1899.6	50,043	2200.1	52,691	2327.0
Physician in hospital	39,194		38,786		41,424	
Physician not in hospital	10,729		9,752		9,832	
Midwife, other, or unknown	1,482		1,505		1,435	
Stillbirths	1,097	24.7	1,093	21.4	1,043	19.4
Physician in hospital	730		789		756	
Physician not in hospital	339		273		254	
Midwife, other, or unknown	28		31		33	
Total deaths, all causes	18,731	819.8	18,420	809.8	19,101	843.6
Deaths under 1 year	1,727	39.8	1,641	32.8	1,716	32.6
Deaths under 1 month	1,100	25.3	1,135	22.7	1,190	22.6
Tuberculosis (010-018)	771	33.7	660	29.0	663	29.3
Syphilis (090-097)	58	2.5	64	2.8	59	2.6
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	301	13.2	210	9.2	205	9.1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2,212	96.8	2,224	97.8	2,354	104.0
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	245	10.7	237	10.4	243	10.7
Major cardiovascular diseases (390-448)	7,208	315.5	7,495	329.5	7,980	352.4
Diseases of the heart (390-398, 402, 404-429)	4,605	201.5	4,831	212.4	5,215	230.3
Rheumatic fever and rheumatic heart disease (390-398)	287	12.6	286	12.6	237	10.5
Hypertensive heart disease with or without renal disease (402,404)	429	18.8	453	19.9	497	21.9
Ischemic heart disease (410-414)	3,316	145.1	3,497	153.7	3,836	169.4
Other heart diseases (415-429)	573	25.1	595	26.2	645	28.5
Hypertension with or without renal disease (401,403)	271	11.9	245	10.8	293	12.9
Cerebrovascular disease (430-438)	2,006	87.8	2,090	91.9	2,118	93.5
Arteriosclerosis (440)	247	10.8	250	11.0	269	11.9
Other diseases of arterioes, arterioles, and capillaries (441-448)	79	3.5	79	3.5	85	3.8
Pneumonia and influenza (480-487)	1,023	44.8	896	39.4	928	41.0
Chronic obstructive pulmonary disease and allied conditions (490-496)	98	4.3	87	3.8	94	4.2
Ulcer of stomach and duodenum (531-533)	68	3.0	79	3.5	89	3.9
Chronic liver disease and cirrhosis (571)	84	3.7	109	4.8	94	4.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	403	17.6	369	16.2	366	16.2
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	213	9.3	267	11.7	263	11.6
Certain conditions originating in the perinatal period (760-779)	844	36.9	929	40.8	933	41.2
Symptoms, signs, and ill-defined conditions (780-799)	813	35.6	694	30.5	713	31.5
All other diseases (Residual)	2,650	116.0	2,391	105.1	2,318	102.4
Motor vehicle accidents (E810-E825)	428	18.7	530	23.3	526	23.2
All other accidents and adverse effects (E800-E807, E826-E949)	948	41.5	824	36.2	907	40.1
Suicide (E950-E959)	147	6.4	156	6.9	137	6.1
Homicide and legal intervention (E960-E978)	135	5.9	128	5.6	150	6.6
All other external causes (E980-E999)	82	3.6	71	3.1	79	3.5

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**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1948		1949		1950	
POPULATION	2,254,000		2,243,700		2,233,351	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	50,428	2237.3	49,971	2227.2	50,472	2259.9
Physician in hospital	40,545		41,078		42,543	
Physician not in hospital	8,426		7,507		6,567	
Midwife, other, or unknown	1,457		1,386		1,362	
Stillbirths	914	17.8	860	16.9	825	16.1
Physician in hospital	702		655		669	
Physician not in hospital	179		167		124	
Midwife, other, or unknown	33		38		32	
Total deaths, all causes	19,074	846.2	19,346	862.2	19,431	870.0
Deaths under 1 year	1,721	34.1	1,529	30.6	1,509	29.9
Deaths under 1 month	1,184	23.5	1,090	21.8	1,067	21.1
Tuberculosis (010-018)	583	25.9	514	22.9	487	21.8
Syphilis (090-097)	54	2.4	47	2.1	42	1.9
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	227	10.1	215	9.6	185	8.3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2,490	110.5	2,588	115.3	2,682	120.1
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	270	12.0	305	13.6	315	14.1
Major cardiovascular diseases (390-448)	8,161	362.1	8,533	380.3	8,820	394.9
Diseases of the heart (390-398, 402, 404-429)	5,456	242.1	5,656	252.1	5,849	261.9
Rheumatic fever and rheumatic heart disease (390-398)	257	11.4	260	11.6	245	11.0
Hypertensive heart disease with or without renal disease (402,404)	520	23.1	540	24.1	518	23.2
Ischemic heart disease (410-414)	4,013	178.0	4,173	186.0	4,290	192.1
Other heart diseases (415-429)	666	29.5	683	30.4	796	35.6
Hypertension with or without renal disease (401,403)	248	11.0	258	11.5	257	11.5
Cerebrovascular disease (430-438)	2,114	93.8	2,204	98.2	2,253	100.9
Arteriosclerosis (440)	260	11.5	315	14.0	350	15.7
Other diseases of arterioes, arterioles, and capillaries (441-448)	83	3.7	100	4.5	111	5.0
Pneumonia and influenza (480-487)	773	34.3	652	29.1	813	36.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	86	3.8	83	3.7	104	4.7
Ulcer of stomach and duodenum (531-533)	71	3.1	89	4.0	111	5.0
Chronic liver disease and cirrhosis (571)	127	5.6	118	5.3	142	6.4
Nephritis, nephrotic syndrome and nephrosis (580-589)	374	16.6	386	17.2	348	15.6
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	235	10.4	244	10.9	245	11.0
Certain conditions originating in the perinatal period (760-779)	957	42.5	888	39.6	903	40.4
Symptoms, signs, and ill-defined conditions (780-799)	657	29.1	580	25.9	512	22.9
All other diseases (Residual)	2,304	102.2	2,351	104.8	2,058	92.1
Motor vehicle accidents (E810-E825)	539	23.9	549	24.5	521	23.3
All other accidents and adverse effects (E800-E807, E826-E949)	802	35.6	859	38.3	777	34.8
Suicide (E950-E959)	169	7.5	172	7.7	185	8.3
Homicide and legal intervention (E960-E978)	126	5.6	129	5.7	114	5.1
All other external causes (E980-E999)	69	3.1	74	3.3	67	3.0

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TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1951		1952		1953	
POPULATION	2,242,800		2,252,300		2,261,800	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	50,597	2256.0	50,146	2226.4	51,275	2267.0
Physician in hospital	43,971		44,796		46,633	
Physician not in hospital	5,466		4,300		3,567	
Midwife, other, or unknown	1,160		1,050		1,075	
Stillbirths	764	14.9	767	15.1	817	15.7
Physician in hospital	662		650		685	
Physician not in hospital	82		98		110	
Midwife, other, or unknown	20		19		22	
Total deaths, all causes	20,082	895.4	19,645	872.2	19,820	876.3
Deaths under 1 year	1,560	30.8	1,441	28.7	1,466	28.6
Deaths under 1 month	1,120	22.1	1,033	20.6	1,025	20.0
Tuberculosis (010-018)	411	18.3	310	13.8	241	10.7
Syphilis (090-097)	39	1.7	33	1.5	32	1.4
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	167	7.4	191	8.5	179	7.9
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2,843	126.8	3,040	135.0	2,939	129.9
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	319	14.2	307	13.6	348	15.4
Major cardiovascular diseases (390-448)	9,340	416.4	9,103	404.2	9,267	409.7
Diseases of the heart (390-398, 402, 404-429)	6,077	271.0	6,015	267.1	6,080	268.8
Rheumatic fever and rheumatic heart disease (390-398)	254	11.3	230	10.2	175	7.7
Hypertensive heart disease with or without renal disease (402,404)	513	22.9	473	21.0	436	19.3
Ischemic heart disease (410-414)	4,571	203.8	4,679	207.7	4,774	211.1
Other heart diseases (415-429)	739	32.9	633	28.1	695	30.7
Hypertension with or without renal disease (401,403)	230	10.3	213	9.5	235	10.4
Cerebrovascular disease (430-438)	2,544	113.4	2,450	108.8	2,473	109.3
Arteriosclerosis (440)	390	17.4	337	15.0	370	16.4
Other diseases of arterioes, arterioles, and capillaries (441-448)	99	4.4	88	3.9	109	4.8
Pneumonia and influenza (480-487)	635	28.3	703	31.2	863	38.2
Chronic obstructive pulmonary disease and allied conditions (490-496)	89	4.0	97	4.3	118	5.2
Ulcer of stomach and duodenum (531-533)	94	4.2	99	4.4	98	4.3
Chronic liver disease and cirrhosis (571)	152	6.8	128	5.7	133	5.9
Nephritis, nephrotic syndrome and nephrosis (580-589)	348	15.5	305	13.5	291	12.9
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	275	12.3	244	10.8	246	10.9
Certain conditions originating in the perinatal period (760-779)	891	39.7	832	36.9	860	38.0
Symptoms, signs, and ill-defined conditions (780-799)	537	23.9	499	22.2	609	26.9
All other diseases (Residual)	2,144	95.6	1,971	87.5	1,838	81.3
Motor vehicle accidents (E810-E825)	576	25.7	615	27.3	606	26.8
All other accidents and adverse effects (E800-E807, E826-E949)	856	38.2	810	36.0	777	34.4
Suicide (E950-E959)	176	7.8	163	7.2	186	8.2
Homicide and legal intervention (E960-E978)	116	5.2	126	5.6	122	5.4
All other external causes (E980-E999)	74	3.3	69	3.1	67	3.0

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TABLE I

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1954		1955		1956	
POPULATION	2,271,300		2,280,000		2,290,300	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	51,457	2265.5	50,636	2220.9	51,894	2265.8
Physician in hospital	47,259		47,262		48,980	
Physician not in hospital	3,289		2,594		2,222	
Midwife, other, or unknown	909		780		692	
Stillbirths	787	15.1	732	14.3	720	13.7
Physician in hospital	696		660		659	
Physician not in hospital	71		55		48	
Midwife, other, or unknown	20		17		13	
Total deaths, all causes	20,121	885.9	19,705	864.3	20,954	914.9
Deaths under 1 year	1,394	27.1	1,338	26.4	1,376	26.5
Deaths under 1 month	1,011	19.6	1,006	19.9	971	18.7
Tuberculosis (010-018)	228	10.0	181	7.9	189	8.3
Syphilis (090-097)	31	1.4	16	.7	17	.7
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	205	9.0	176	7.7	190	8.3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3,043	134.0	3,122	136.9	3,232	141.1
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	323	14.2	322	14.1	289	12.6
Major cardiovascular diseases (390-448)	9,667	425.6	9,636	422.6	10,524	459.5
Diseases of the heart (390-398, 402, 404-429)	6,305	277.6	6,521	286.0	6,924	302.3
Rheumatic fever and rheumatic heart disease (390-398)	204	9.0	201	8.8	182	7.9
Hypertensive heart disease with or without renal disease (402,404)	476	21.0	417	18.3	429	18.7
Ischemic heart disease (410-414)	4,953	218.1	5,236	229.6	5,649	246.6
Other heart diseases (415-429)	672	29.6	667	29.3	664	29.0
Hypertension with or without renal disease (401,403)	212	9.3	183	8.0	216	9.4
Cerebrovascular disease (430-438)	2,616	115.2	2,404	105.4	2,780	121.4
Arteriosclerosis (440)	420	18.5	433	19.0	436	19.0
Other diseases of arterioes, arterioles, and capillaries (441-448)	114	5.0	95	4.2	168	7.3
Pneumonia and influenza (480-487)	599	26.4	600	26.3	637	27.8
Chronic obstructive pulmonary disease and allied conditions (490-496)	96	4.2	105	4.6	155	6.8
Ulcer of stomach and duodenum (531-533)	90	4.0	128	5.6	120	5.2
Chronic liver disease and cirrhosis (571)	154	6.8	132	5.8	141	6.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	288	12.7	209	9.2	244	10.7
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	240	10.6	251	11.0	273	11.9
Certain conditions originating in the perinatal period (760-779)	829	36.5	821	36.0	768	33.5
Symptoms, signs, and ill-defined conditions (780-799)	631	27.8	553	24.3	684	29.9
All other diseases (Residual)	1,928	84.9	1,722	75.5	1,729	75.5
Motor vehicle accidents (E810-E825)	607	26.7	621	27.2	689	30.1
All other accidents and adverse effects (E800-E807, E826-E949)	827	36.4	738	32.4	741	32.4
Suicide (E950-E959)	159	7.0	205	9.0	163	7.1
Homicide and legal intervention (E960-E978)	104	4.6	103	4.5	105	4.6
All other external causes (E980-E999)	72	3.2	64	2.8	64	2.8

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.
**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1957		1958		1959	
POPULATION	2,299,800		2,309,300		2,318,800	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	51,349	2232.8	50,552	2189.1	51,141	2205.5
Physician in hospital	48,929		48,472		49,311	
Physician not in hospital	1,765		1,468		1,262	
Midwife, other, or unknown	655		612		568	
Stillbirths	665	12.8	671	13.1	684	13.2
Physician in hospital	614		627		628	
Physician not in hospital	36		35		42	
Midwife, other, or unknown	15		9		14	
Total deaths, all causes	21,568	937.8	21,812	944.5	21,996	948.6
Deaths under 1 year	1,307	25.5	1,373	27.2	1,235	24.1
Deaths under 1 month	934	18.2	1,008	19.9	887	17.3
Tuberculosis (010-018)	155	6.7	160	6.9	133	5.7
Syphilis (090-097)	22	1.0	14	.6	19	.8
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	230	10.0	165	7.1	198	8.5
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3,307	143.8	3,223	139.6	3,418	147.4
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	323	14.0	278	12.0	345	14.9
Major cardiovascular diseases (390-448)	10,697	465.1	10,882	471.2	11,012	474.9
Diseases of the heart (390-398, 402, 404-429)	7,101	308.8	7,299	316.1	7,318	315.6
Rheumatic fever and rheumatic heart disease (390-398)	183	8.0	188	8.1	179	7.7
Hypertensive heart disease with or without renal disease (402,404)	422	18.3	371	16.1	356	15.4
Ischemic heart disease (410-414)	5,865	255.0	6,086	263.5	6,157	265.5
Other heart diseases (415-429)	631	27.4	654	28.3	626	27.0
Hypertension with or without renal disease (401,403)	201	8.7	192	8.3	188	8.1
Cerebrovascular disease (430-438)	2,804	121.9	2,845	123.2	2,928	126.3
Arteriosclerosis (440)	427	18.6	393	17.0	397	17.1
Other diseases of arterioes, arterioles, and capillaries (441-448)	164	7.1	153	6.6	181	7.8
Pneumonia and influenza (480-487)	821	35.7	748	32.4	628	27.1
Chronic obstructive pulmonary disease and allied conditions (490-496)	164	7.1	171	7.4	216	9.3
Ulcer of stomach and duodenum (531-533)	127	5.5	127	5.5	117	5.0
Chronic liver disease and cirrhosis (571)	167	7.3	177	7.7	146	6.3
Nephritis, nephrotic syndrome and nephrosis (580-589)	242	10.5	216	9.4	206	8.9
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	236	10.3	257	11.1	260	11.2
Certain conditions originating in the perinatal period (760-779)	746	32.4	793	34.3	708	30.5
Symptoms, signs, and ill-defined conditions (780-799)	787	34.2	836	36.2	890	38.4
All other diseases (Residual)	1,720	74.8	1,925	83.4	1,856	80.0
Motor vehicle accidents (E810-E825)	722	31.4	695	30.1	647	27.9
All other accidents and adverse effects (E800-E807, E826-E949)	758	33.0	764	33.1	806	34.8
Suicide (E950-E959)	176	7.7	196	8.5	202	8.7
Homicide and legal intervention (E960-E978)	102	4.4	119	5.2	120	5.2
All other external causes (E980-E999)	65	2.8	66	2.9	69	3.0

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**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1960		1961		1962	
POPULATION	2,328,284		2,351,400		2,374,500	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	50,900	2186.2	50,859	2162.9	51,351	2162.6
Physician in hospital	49,318		49,422		50,119	
Physician not in hospital	1,087		1,007		824	
Midwife, other, or unknown	495		430		408	
Stillbirths	684	13.3	643	12.5	629	12.1
Physician in hospital	655		603		606	
Physician not in hospital	20		36		19	
Midwife, other, or unknown	9		4		4	
Total deaths, all causes	22,932	984.9	22,973	977.0	24,005	1010.9
Deaths under 1 year	1,297	25.5	1,226	24.1	1,219	23.7
Deaths under 1 month	939	18.4	882	17.3	933	18.2
Tuberculosis (010-018)	157	6.7	130	5.5	147	6.2
Syphilis (090-097)	13	.6	11	.5	15	.6
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	204	8.8	199	8.5	182	7.7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3,463	148.7	3,600	153.1	3,692	155.5
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	399	17.1	380	16.2	409	17.2
Major cardiovascular diseases (390-448)	11,348	487.4	11,639	495.0	12,489	526.0
Diseases of the heart (390-398, 402, 404-429)	7,522	323.1	7,944	337.8	8,520	358.8
Rheumatic fever and rheumatic heart disease (390-398)	152	6.5	134	5.7	148	6.2
Hypertensive heart disease with or without renal disease (402,404)	362	15.5	337	14.3	331	13.9
Ischemic heart disease (410-414)	6,367	273.5	6,821	290.1	7,428	312.8
Other heart diseases (415-429)	641	27.5	652	27.7	613	25.8
Hypertension with or without renal disease (401,403)	155	6.7	161	6.8	147	6.2
Cerebrovascular disease (430-438)	3,040	130.6	2,908	123.7	3,171	133.5
Arteriosclerosis (440)	443	19.0	422	17.9	465	19.6
Other diseases of arterioes, arterioles, and capillaries (441-448)	188	8.1	204	8.7	186	7.8
Pneumonia and influenza (480-487)	817	35.1	601	25.6	767	32.3
Chronic obstructive pulmonary disease and allied conditions (490-496)	219	9.4	256	10.9	267	11.2
Ulcer of stomach and duodenum (531-533)	125	5.4	151	6.4	146	6.1
Chronic liver disease and cirrhosis (571)	182	7.8	186	7.9	203	8.5
Nephritis, nephrotic syndrome and nephrosis (580-589)	182	7.8	181	7.7	202	8.5
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	256	11.0	259	11.0	238	10.0
Certain conditions originating in the perinatal period (760-779)	740	31.8	688	29.3	740	31.2
Symptoms, signs, and ill-defined conditions (780-799)	973	41.8	990	42.1	571	24.0
All other diseases (Residual)	1,890	81.2	1,807	76.8	1,989	83.8
Motor vehicle accidents (E810-E825)	686	29.5	742	31.6	708	29.8
All other accidents and adverse effects (E800-E807, E826-E949)	842	36.2	783	33.3	847	35.7
Suicide (E950-E959)	228	9.8	196	8.3	204	8.6
Homicide and legal intervention (E960-E978)	135	5.8	107	4.6	116	4.9
All other external causes (E980-E999)	73	3.1	67	2.8	73	3.1

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**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1963		1964		1965	
POPULATION	2,397,000		2,420,800		2,443,900	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	49,955	2084.1	47,563	1964.8	42,806	1751.5
Physician in hospital	48,787		46,681		42,080	
Physician not in hospital	775		520		423	
Midwife, other, or unknown	393		362		303	
Stillbirths	606	12.0	647	13.4	564	13.0
Physician in hospital	577		618		543	
Physician not in hospital	26		25		18	
Midwife, other, or unknown	3		4		3	
Total deaths, all causes	24,458	1020.4	24,194	999.4	24,304	994.5
Deaths under 1 year	1,218	24.4	1,077	22.6	1,028	24.0
Deaths under 1 month	900	18.0	794	16.7	716	16.7
Tuberculosis (010-018)	154	6.4	128	5.3	112	4.6
Syphilis (090-097)	16	.7	15	.6	13	.5
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	168	7.0	171	7.1	135	5.5
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3,715	155.0	3,850	159.0	3,860	157.9
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	397	16.6	374	15.4	427	17.5
Major cardiovascular diseases (390-448)	12,803	534.1	12,659	522.9	12,878	526.9
Diseases of the heart (390-398, 402, 404-429)	8,760	365.5	8,684	358.7	8,753	358.2
Rheumatic fever and rheumatic heart disease (390-398)	145	6.0	141	5.8	103	4.2
Hypertensive heart disease with or without renal disease (402,404)	302	12.6	281	11.6	268	11.0
Ischemic heart disease (410-414)	7,644	318.9	7,621	314.8	7,713	315.6
Other heart diseases (415-429)	669	27.9	641	26.5	669	27.4
Hypertension with or without renal disease (401,403)	155	6.5	158	6.5	145	5.9
Cerebrovascular disease (430-438)	3,180	132.7	3,135	129.5	3,237	132.5
Arteriosclerosis (440)	498	20.8	445	18.4	491	20.1
Other diseases of arterioes, arterioles, and capillaries (441-448)	210	8.8	237	9.8	252	10.3
Pneumonia and influenza (480-487)	841	35.1	709	29.3	760	31.1
Chronic obstructive pulmonary disease and allied conditions (490-496)	336	14.0	327	13.5	423	17.3
Ulcer of stomach and duodenum (531-533)	146	6.1	150	6.2	137	5.6
Chronic liver disease and cirrhosis (571)	253	10.6	242	10.0	240	9.8
Nephritis, nephrotic syndrome and nephrosis (580-589)	195	8.1	181	7.5	201	8.2
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	253	10.6	250	10.3	223	9.1
Certain conditions originating in the perinatal period (760-779)	709	29.6	628	25.9	568	23.2
Symptoms, signs, and ill-defined conditions (780-799)	550	22.9	598	24.7	582	23.8
All other diseases (Residual)	1,972	82.3	1,896	78.3	1,789	73.2
Motor vehicle accidents (E810-E825)	711	29.7	798	33.0	777	31.8
All other accidents and adverse effects (E800-E807, E826-E949)	848	35.4	813	33.6	756	30.9
Suicide (E950-E959)	197	8.2	202	8.3	233	9.5
Homicide and legal intervention (E960-E978)	121	5.0	132	5.5	124	5.1
All other external causes (E980-E999)	73	3.0	71	2.9	66	2.7

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TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1966		1967		1968	
POPULATION	2,467,000		2,490,100		2,513,200	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births..	39,993	1621.1	40,102	1610.5	40,973	1630.3
Physician in hospital...........................	39,477		39,721		40,641	
Physician not in hospital.......................	303		225		195	
Midwife, other, or unknown......................	213		156		137	
Stillbirths..	488	12.1	470	11.6	504	12.2
Physician in hospital...........................	470		454		494	
Physician not in hospital.......................	17		13		9	
Midwife, other, or unknown......................	1		3		1	
Total deaths, all causes...........................	24,806	1005.5	24,859	998.3	25,708	1022.9
Deaths under 1 year.............................	934	23.4	834	20.8	821	20.0
Deaths under 1 month............................	664	16.6	615	15.3	608	14.8
Tuberculosis ....(010-018)	87	3.5	98	3.9	76	3.0
Syphilis ....(090-097)	12	.5	11	.4	9	.4
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	137	5.6	138	5.5	142	5.7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	3,938	159.6	3,966	159.3	4,155	165.3
Malignant neoplasm of digestive organs and peritoneum ....(150-159)						
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)						
Malignant neoplasm of breast ....(174-175)						
Malignant neoplasm of genital organs ....(179-187)						
Malignant neoplasm of urinary organs .(188-189)						
Leukemia ....(204-208)						
Other malignant neoplasms ....(140-149, 170-173, 190-203)						
Diabetes mellitus ....(250)	468	19.0	440	17.7	469	18.7
Major cardiovascular diseases ....(390-448)	13,199	535.0	13,165	528.7	13,742	546.8
Diseases of the heart ....(390-398, 402, 404-429)	9,180	372.1	9,163	368.0	9,547	379.9
Rheumatic fever and rheumatic heart disease ....(390-398)	116	4.7	94	3.8	113	4.5
Hypertensive heart disease with or without renal disease ....(402,404)	267	10.8	261	10.5	220	8.8
Ischemic heart disease ....(410-414)	8,139	329.9	8,119	326.1	8,528	339.3
Other heart diseases ....(415-429)	658	26.7	689	27.7	686	27.3
Hypertension with or without renal disease ....(401,403)	143	5.8	126	5.1	157	6.2
Cerebrovascular disease ....(430-438)	3,181	128.9	3,159	126.9	3,285	130.7
Arteriosclerosis ....(440)	486	19.7	489	19.6	492	19.6
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	209	8.5	228	9.2	261	10.4
Pneumonia and influenza ....(480-487)	695	28.2	707	28.4	910	36.2
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	395	16.0	442	17.8	502	20.0
Ulcer of stomach and duodenum ....(531-533)	118	4.8	122	4.9	148	5.9
Chronic liver disease and cirrhosis ....(571)	229	9.3	282	11.3	323	12.9
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	204	8.3	155	6.2	184	7.3
Complications of pregnancy, childbirth, and the puerperium ....(630-676)						
Congenital anomalies ....(740-759)	205	8.3	223	9.0	177	7.0
Certain conditions originating in the perinatal period ....(760-779)	528	21.4	465	18.7	469	18.7
Symptoms, signs, and ill-defined conditions ....(780-799)	623	25.3	568	22.8	470	18.7
All other diseases ....(Residual)	1,899	77.0	1,934	77.7	1,841	73.3
Motor vehicle accidents ....(E810-E825)	807	32.7	893	35.9	820	32.6
All other accidents and adverse effects ....(E800-E807, E826-E949)	840	34.0	751	30.2	777	30.9
Suicide ....(E950-E959)	215	8.7	256	10.3	261	10.4
Homicide and legal intervention ....(E960-E978)	134	5.4	185	7.4	166	6.6
All other external causes ....(E980-E999)	73	3.0	65	2.6	67	2.7

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TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1969		1970		1971	
POPULATION	2,536,300		2,559,463		2,609,800	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	42,737	1685.0	44,991	1757.8	45,353	1737.8
Physician in hospital	42,450		44,798		45,091	
Physician not in hospital	167		82		136	
Midwife, other, or unknown	120		111		126	
Stillbirths	520	12.0	516	11.3	509	11.1
Physician in hospital	513		515		498	
Physician not in hospital	6				10	
Midwife, other, or unknown	1		1		1	
Total deaths, all causes	25,972	1024.0	26,750	1045.1	25,682	984.1
Deaths under 1 year	874	20.5	953	21.2	832	18.3
Deaths under 1 month	675	15.8	727	16.2	613	13.5
Tuberculosis (010-018)	75	3.0	70	2.7	70	2.7
Syphilis (090-097)	14	.6	12	.5	8	.3
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	111	4.4	148	5.8	151	5.8
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4,298	169.5	4,608	180.0	4,371	167.5
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	466	18.4	513	20.0	459	17.6
Major cardiovascular diseases (390-448)	13,864	546.6	14,183	554.1	13,821	529.6
Diseases of the heart (390-398, 402, 404-429)	9,801	386.4	9,923	387.7	9,790	375.1
Rheumatic fever and rheumatic heart disease (390-398)	117	4.6	97	3.8	110	4.2
Hypertensive heart disease with or without renal disease (402,404)	289	11.4	243	9.5	210	8.0
Ischemic heart disease (410-414)	8,807	347.2	8,971	350.5	8,785	336.6
Other heart diseases (415-429)	588	23.2	612	23.9	685	26.2
Hypertension with or without renal disease (401,403)	108	4.3	139	5.4	125	4.8
Cerebrovascular disease (430-438)	3,140	123.8	3,292	128.6	3,150	120.7
Arteriosclerosis (440)	472	18.6	491	19.2	463	17.7
Other diseases of arterioes, arterioles, and capillaries (441-448)	343	13.5	338	13.2	293	11.2
Pneumonia and influenza (480-487)	794	31.3	743	29.0	694	26.6
Chronic obstructive pulmonary disease and allied conditions (490-496)	502	19.8	466	18.2	408	15.6
Ulcer of stomach and duodenum (531-533)	138	5.4	129	5.0	113	4.3
Chronic liver disease and cirrhosis (571)	315	12.4	348	13.6	343	13.1
Nephritis, nephrotic syndrome and nephrosis (580-589)	164	6.5	158	6.2	117	4.5
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	185	7.3	198	7.7	228	8.7
Certain conditions originating in the perinatal period (760-779)	534	21.1	586	22.9	464	17.8
Symptoms, signs, and ill-defined conditions (780-799)	400	15.8	397	15.5	362	13.9
All other diseases (Residual)	1,931	76.1	1,993	77.9	1,946	74.6
Motor vehicle accidents (E810-E825)	890	35.1	852	33.3	831	31.8
All other accidents and adverse effects (E800-E807, E826-E949)	766	30.2	826	32.3	750	28.7
Suicide (E950-E959)	256	10.1	273	10.7	283	10.8
Homicide and legal intervention (E960-E978)	180	7.1	181	7.1	189	7.2
All other external causes (E980-E999)	89	3.5	66	2.6	74	2.8

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.
**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1972		1973		1974	
POPULATION	2,633,000		2,669,000		2,681,000	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	42,303	1606.6	40,765	1527.4	42,363	1580.1
Physician in hospital	42,075		40,537		42,110	
Physician not in hospital	96		92		107	
Midwife, other, or unknown	132		136		146	
Stillbirths	505	11.8	524	12.7	465	10.9
Physician in hospital	497		514		453	
Physician not in hospital	8		8		8	
Midwife, other, or unknown			2		4	
Total deaths, all causes	26,935	1023.0	27,357	1025.0	27,228	1015.6
Deaths under 1 year	802	19.0	666	16.3	738	17.4
Deaths under 1 month	551	13.0	477	11.7	526	12.4
Tuberculosis (010-018)	77	2.9	54	2.0	54	2.0
Syphilis (090-097)	6	.2	5	.2	5	.2
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	136	5.2	169	6.3	189	7.0
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4,579	173.9	4,779	179.1	4,789	178.6
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	473	18.0	474	17.8	413	15.4
Major cardiovascular diseases (390-448)	14,377	546.0	14,694	550.5	14,545	542.5
Diseases of the heart (390-398, 402, 404-429)	10,173	386.4	10,420	390.4	10,182	379.8
Rheumatic fever and rheumatic heart disease (390-398)	127	4.8	135	5.1	115	4.3
Hypertensive heart disease with or without renal disease (402,404)	215	8.2	188	7.0	205	7.6
Ischemic heart disease (410-414)	9,133	346.9	9,339	349.9	9,113	339.9
Other heart diseases (415-429)	698	26.5	758	28.4	749	27.9
Hypertension with or without renal disease (401,403)	121	4.6	125	4.7	98	3.7
Cerebrovascular disease (430-438)	3,269	124.2	3,298	123.6	3,371	125.7
Arteriosclerosis (440)	483	18.3	470	17.6	528	19.7
Other diseases of arterices, arterioles, and capillaries (441-448)	331	12.6	381	14.3	366	13.7
Pneumonia and influenza (480-487)	842	32.0	786	29.4	851	31.7
Chronic obstructive pulmonary disease and allied conditions (490-496)	387	14.7	400	15.0	320	11.9
Ulcer of stomach and duodenum (531-533)	105	4.0	119	4.5	122	4.6
Chronic liver disease and cirrhosis (571)	322	12.2	326	12.2	352	13.1
Nephritis, nephrotic syndrome and nephrosis (580-589)	163	6.2	127	4.8	148	5.5
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	195	7.4	187	7.0	178	6.6
Certain conditions originating in the perinatal period (760-779)	416	15.8	367	13.8	410	15.3
Symptoms, signs, and ill-defined conditions (780-799)	387	14.7	350	13.1	324	12.1
All other diseases (Residual)	2,188	83.1	2,213	82.9	2,181	81.4
Motor vehicle accidents (E810-E825)	863	32.8	804	30.1	764	28.5
All other accidents and adverse effects (E800-E807, E826-E949)	794	30.2	843	31.6	849	31.7
Suicide (E950-E959)	341	13.0	373	14.0	388	14.5
Homicide and legal intervention (E960-E978)	226	8.6	222	8.3	282	10.5
All other external causes (E980-E999)	58	2.2	65	2.4	64	2.4

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.

**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1975		1976		1977	
POPULATION	2,715,000		2,766,000		2,811,000	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	42,704	1572.9	43,655	1578.3	45,449	1616.8
Physician in hospital	42,421		43,412		45,138	
Physician not in hospital	111		69		60	
Midwife, other, or unknown	172		174		251	
Stillbirths	419	9.7	451	10.2	448	9.8
Physician in hospital	409		432		434	
Physician not in hospital	7		11		10	
Midwife, other, or unknown	3		8		4	
Total deaths, all causes	27,165	1000.6	27,103	979.9	26,766	952.2
Deaths under 1 year	688	16.1	731	16.7	623	13.7
Deaths under 1 month	486	11.4	493	11.3	408	9.0
Tuberculosis (010-018)	50	1.8	52	1.9	43	1.5
Syphilis (090-097)	5	.2	3	.1	8	.3
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	180	6.6	228	8.2	200	7.1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4,927	181.5	5,166	186.8	5,180	184.3
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	413	15.2	417	15.1	420	14.9
Major cardiovascular diseases (390-448)	14,192	522.7	13,903	502.6	13,672	486.4
Diseases of the heart (390-398, 402, 404-429)	10,284	378.8	9,997	361.4	9,966	354.5
Rheumatic fever and rheumatic heart disease (390-398)	144	5.3	129	4.7	109	3.9
Hypertensive heart disease with or without renal disease (402,404)	191	7.0	169	6.1	139	4.9
Ischemic heart disease (410-414)	9,090	334.8	8,775	317.2	8,751	311.3
Other heart diseases (415-429)	859	31.6	924	33.4	967	34.4
Hypertension with or without renal disease (401,403)	72	2.7	85	3.1	77	2.7
Cerebrovascular disease (430-438)	3,051	112.4	3,017	109.1	2,849	101.4
Arteriosclerosis (440)	450	16.6	426	15.4	430	15.3
Other diseases of arterioes, arterioles, and capillaries (441-448)	335	12.3	378	13.7	350	12.5
Pneumonia and influenza (480-487)	953	35.1	966	34.9	799	28.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	344	12.7	310	11.2	300	10.7
Ulcer of stomach and duodenum (531-533)	104	3.8	82	3.0	70	2.5
Chronic liver disease and cirrhosis (571)	318	11.7	389	14.1	356	12.7
Nephritis, nephrotic syndrome and nephrosis (580-589)	126	4.6	134	4.8	146	5.2
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	179	6.6	169	6.1	172	6.1
Certain conditions originating in the perinatal period (760-779)	382	14.1	365	13.2	287	10.2
Symptoms, signs, and ill-defined conditions (780-799)	350	12.9	353	12.8	376	13.4
All other diseases (Residual)	2,334	86.0	2,272	82.1	2,387	84.9
Motor vehicle accidents (E810-E825)	798	29.4	877	31.7	893	31.8
All other accidents and adverse effects (E800-E807, E826-E949)	745	27.4	769	27.8	704	25.0
Suicide (E950-E959)	412	15.2	365	13.2	442	15.7
Homicide and legal intervention (E960-E978)	297	10.9	229	8.3	261	9.3
All other external causes (E980-E999)	56	2.1	54	2.0	50	1.8

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**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1978		1979		1980	
POPULATION	2,880,000		2,892,000		3,025,266	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	45,883	1593.2	49,007	1694.6	52,065	1721.0
Physician in hospital	45,574		48,675		51,594	
Physician not in hospital	57		17		80	
Midwife, other, or unknown	252		315		391	
Stillbirths	438	9.5	459	9.3	475	9.0
Physician in hospital	423		457		467	
Physician not in hospital	8		1		5	
Midwife, other, or unknown	7		1		3	
Total deaths, all causes	27,892	968.5	27,802	961.3	28,227	933.0
Deaths under 1 year	646	14.1	611	12.5	660	12.7
Deaths under 1 month	405	8.8	386	7.9	421	8.1
Tuberculosis (010-018)	46	1.6	31	1.1	37	1.2
Syphilis (090-097)	6	.2	4	.1	7	.2
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	225	7.8	167	5.8	192	6.3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5,366	186.3	5,407	187.0	5,505	182.0
Malignant neoplasm of digestive organs and peritoneum (150-159)			1,404	48.5	1,332	44.0
Malignant neoplasm of respiratory and intrathoracic organs (160-165)			1,558	53.9	1,615	53.4
Malignant neoplasm of breast (174-175)			368	12.7	429	14.2
Malignant neoplasm of genital organs (179-187)			620	21.4	605	20.0
Malignant neoplasm of urinary organs (188-189)			222	7.7	206	6.8
Leukemia (204-208)			229	7.9	236	7.8
Other malignant neoplasms (140-149, 170-173, 190-203)			1,006	34.8	1,082	35.8
Diabetes mellitus (250)	428	14.9	411	14.2	421	13.9
Major cardiovascular diseases (390-448)	14,073	488.6	14,332	495.6	14,183	468.8
Diseases of the heart (390-398, 402, 404-429)	10,330	358.7	10,727	370.9	10,703	353.8
Rheumatic fever and rheumatic heart disease (390-398)	130	4.5	71	2.5	53	1.8
Hypertensive heart disease with or without renal disease (402,404)	168	5.8	279	9.6	316	10.4
Ischemic heart disease (410-414)	8,972	311.5	8,240	284.9	8,145	269.2
Other heart diseases (415-429)	1,060	36.8	2,137	73.9	2,189	72.4
Hypertension with or without renal disease (401,403)	94	3.3	94	3.3	96	3.2
Cerebrovascular disease (430-438)	2,857	99.2	2,844	98.3	2,745	90.7
Arteriosclerosis (440)	394	13.7	402	13.9	397	13.1
Other diseases of arterioes, arterioles, and capillaries (441-448)	398	13.8	265	9.2	242	8.0
Pneumonia and influenza (480-487)	1,004	34.9	712	24.6	768	25.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	279	9.7	747	25.8	824	27.2
Ulcer of stomach and duodenum (531-533)	74	2.6	85	2.9	76	2.5
Chronic liver disease and cirrhosis (571)	348	12.1	364	12.6	317	10.5
Nephritis, nephrotic syndrome and nephrosis (580-589)	173	6.0	332	11.5	352	11.6
Complications of pregnancy, childbirth, and the puerperium (630-676)			5	.2	11	.4
Congenital anomalies (740-759)	160	5.6	200	6.9	202	6.7
Certain conditions originating in the perinatal period (760-779)	285	9.9	284	9.8	312	10.3
Symptoms, signs, and ill-defined conditions (780-799)	453	15.7	307	10.6	296	9.8
All other diseases (Residual)	2,487	86.4	1,950	67.4	2,087	69.0
Motor vehicle accidents (E810-E825)	968	33.6	909	31.4	1,008	33.3
All other accidents and adverse effects (E800-E807, E826-E949)	788	27.4	769	26.6	836	27.6
Suicide (E950-E959)	397	13.8	412	14.2	411	13.6
Homicide and legal intervention (E960-E978)	283	9.8	325	11.2	339	11.2
All other external causes (E980-E999)	49	1.7	49	1.7	43	1.4

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TABLE I

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1981		1982		1983	
POPULATION	3,100,000		3,177,000		3,298,000	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	53,620	1729.7	58,748	1849.2	56,859	1724.0
Physician in hospital	52,997		57,852		56,121	
Physician not in hospital	85		85		90	
Midwife, other, or unknown	538		811		648	
Stillbirths	456	8.4	495	8.4	454	7.9
Physician in hospital	448		483		445	
Physician not in hospital	6		10		9	
Midwife, other, or unknown	2		2			
Total deaths, all causes	28,568	921.5	29,305	922.4	29,426	892.2
Deaths under 1 year	632	11.8	721	12.3	615	10.8
Deaths under 1 month	383	7.1	433	7.4	386	6.8
Tuberculosis (010-018)	32	1.0	39	1.2	23	.7
Syphilis (090-097)	2	.1	2	.1	3	.1
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	235	7.6	249	7.8	247	7.5
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5,702	183.9	5,873	184.9	6,065	183.9
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,421	45.8	1,402	44.1	1,376	41.7
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1,668	53.8	1,774	55.8	1,887	57.2
Malignant neoplasm of breast (174-175)	461	14.9	454	14.3	473	14.3
Malignant neoplasm of genital organs (179-187)	605	19.5	630	19.8	665	20.2
Malignant neoplasm of urinary organs (188-189)	246	7.9	270	8.5	228	6.9
Leukemia (204-208)	252	8.1	248	7.8	251	7.6
Other malignant neoplasms (140-149, 170-173, 190-203)	1,049	33.8	1,095	34.5	1,185	35.9
Diabetes mellitus (250)	492	15.9	493	15.5	476	14.4
Major cardiovascular diseases (390-448)	13,977	450.9	14,255	448.7	14,229	431.4
Diseases of the heart (390-396, 402, 404-429)	10,624	342.7	10,973	345.4	10,934	331.5
Rheumatic fever and rheumatic heart disease (390-398)	66	2.1	73	2.3	64	1.9
Hypertensive heart disease with or without renal disease (402,404)	296	9.5	250	7.9	237	7.2
Ischemic heart disease (410-414)	8,037	259.3	8,094	254.8	8,005	242.7
Other heart diseases (415-429)	2,225	71.8	2,556	80.5	2,844	86.2
Hypertension with or without renal disease (401,403)	92	3.0	91	2.9	85	2.6
Cerebrovascular disease (430-438)	2,593	83.6	2,544	80.1	2,514	76.2
Arteriosclerosis (440)	417	13.5	383	12.1	407	12.3
Other diseases of arterioes, arterioles, and capillaries (441-448)	251	8.1	264	8.3	289	8.8
Pneumonia and influenza (480-487)	859	27.7	787	24.8	876	26.6
Chronic obstructive pulmonary disease and allied conditions (490-496)	804	25.9	884	27.8	1,034	31.4
Ulcer of stomach and duodenum (531-533)	85	2.7	88	2.8	70	2.1
Chronic liver disease and cirrhosis (571)	378	12.2	312	9.8	271	8.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	315	10.2	352	11.1	369	11.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	7	.2	3	.1	4	.1
Congenital anomalies (740-759)	191	6.2	245	7.7	206	6.2
Certain conditions originating in the perinatal period (760-779)	292	9.4	304	9.6	274	8.3
Symptoms, signs, and ill-defined conditions (780-799)	346	11.2	388	12.2	315	9.6
All other diseases (Residual)	2,149	69.3	2,197	69.2	2,289	69.4
Motor vehicle accidents (E810-E825)	1,037	33.5	1,086	34.2	872	26.4
All other accidents and adverse effects (E800-E807, E826-E949)	823	26.5	881	27.7	796	24.1
Suicide (E950-E959)	474	15.3	466	14.7	449	13.6
Homicide and legal intervention (E960-E978)	324	10.5	356	11.2	294	8.9
All other external causes (E980-E999)	44	1.4	45	1.4	48	1.5

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TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1984		1985		1986	
POPULATION	3,298,000		3,301,000		3,305,000	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Live Births	54,323	1647.1	53,100	1608.6	50,536	1529.1
Physician in hospital	53,470		52,318		49,478	
Physician not in hospital	74		49		41	
Midwife, other, or unknown	779		673		1,017	
Stillbirths	392	7.2	399	7.5	403	7.9
Physician in hospital	385		374		382	
Physician not in hospital	6		21		18	
Midwife, other, or unknown	1		4		3	
Total deaths, all causes	28,635	868.3	29,735	900.8	29,708	898.9
Deaths under 1 year	568	10.5	574	10.8	517	10.2
Deaths under 1 month	358	6.6	359	6.8	306	6.1
Tuberculosis (010-018)	23	.7	19	.6	18	.5
Syphilis (090-097)	3	.1				
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	270	8.2	360	10.9	367	11.1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,085	184.5	6,117	185.3	6,314	191.0
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,447	43.9	1,376	41.7	1,489	45.1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1,910	57.9	1,876	56.8	1,948	58.9
Malignant neoplasm of breast (174-175)	467	14.2	463	14.0	491	14.9
Malignant neoplasm of genital organs (179-187)	646	19.6	727	22.0	665	20.1
Malignant neoplasm of urinary organs (188-189)	257	7.8	238	7.2	236	7.1
Leukemia (204-208)	225	6.8	240	7.3	268	8.1
Other malignant neoplasms (140-149, 170-173, 190-203)	1,133	34.4	1,197	36.3	1,217	36.8
Diabetes mellitus (250)	424	12.9	439	13.3	498	15.1
Major cardiovascular diseases (390-448)	13,769	417.5	14,458	438.0	14,106	426.8
Diseases of the heart (390-398, 402, 404-429)	10,648	322.9	11,223	340.0	10,875	329.0
Rheumatic fever and rheumatic heart disease (390-398)	60	1.8	53	1.6	55	1.7
Hypertensive heart disease with or without renal disease (402,404)	208	6.3	199	6.0	164	5.0
Ischemic heart disease (410-414)	7,462	226.3	7,896	239.2	7,609	230.2
Other heart diseases (415-429)	2,918	88.5	3,075	93.2	3,047	92.2
Hypertension with or without renal disease (401,403)	70	2.1	87	2.6	96	2.9
Cerebrovascular disease (430-438)	2,387	72.4	2,469	74.8	2,433	73.6
Arteriosclerosis (440)	386	11.7	406	12.3	396	12.0
Other diseases of arterioes, arterioles, and capillaries (441-448)	278	8.4	273	8.3	306	9.3
Pneumonia and influenza (480-487)	925	28.0	1,038	31.4	1,073	32.5
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,045	31.7	1,082	32.8	1,040	31.5
Ulcer of stomach and duodenum (531-533)	86	2.6	91	2.8	78	2.4
Chronic liver disease and cirrhosis (571)	247	7.5	253	7.7	283	8.6
Nephritis, nephrotic syndrome and nephrosis (580-589)	401	12.2	373	11.3	396	12.0
Complications of pregnancy, childbirth, and the puerperium (630-676)	3	.1	4	.1	2	.1
Congenital anomalies (740-759)	201	6.1	187	5.7	163	4.9
Certain conditions originating in the perinatal period (760-779)	257	7.8	266	8.1	231	7.0
Symptoms, signs, and ill-defined conditions (780-799)	286	8.7	331	10.0	348	10.5
All other diseases (Residual)	2,290	69.4	2,341	70.9	2,491	75.4
Motor vehicle accidents (E810-E825)	857	26.0	763	23.1	717	21.7
All other accidents and adverse effects (E800-E807, E826-E949)	703	21.3	760	23.0	740	22.4
Suicide (E950-E959)	444	13.5	488	14.8	494	14.9
Homicide and legal intervention (E960-E978)	282	8.6	279	8.5	301	9.1
All other external causes (E980-E999)	34	1.0	71	2.2	45	1.4

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.
**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE I
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS AND DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE*, OKLAHOMA, 1930 - 1988

	1987		1988	
POPULATION	3,272,000		3,242,000	
	NUMBER	RATE	NUMBER	RATE
Live Births	47,697	1457.7	47,279	1458.3
Physician in hospital	46,566		46,287	
Physician not in hospital	65		48	
Midwife, other, or unknown	1,066		944	
Stillbirths	383	8.0	360	7.6
Physician in hospital	370		339	
Physician not in hospital	12		17	
Midwife, other, or unknown	1		4	
Total deaths, all causes	29,191	892.1	29,766	918.1
Deaths under 1 year	458	9.6	428	9.1
Deaths under 1 month	268	5.6	246	5.2
Tuberculosis (010-018)	16	.5	28	.9
Syphilis (090-097)			1	
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	405	12.4	436	13.4
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,399	195.6	6,350	195.9
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,420	43.4	1,408	43.4
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,005	61.3	2,021	62.3
Malignant neoplasm of breast (174-175)	508	15.5	490	15.1
Malignant neoplasm of genital organs (179-187)	661	20.2	704	21.7
Malignant neoplasm of urinary organs (188-189)	257	7.9	250	7.7
Leukemia (204-208)	259	7.9	220	6.8
Other malignant neoplasms (140-149, 170-173, 190-203)	1,289	39.4	1,257	38.8
Diabetes mellitus (250)	463	14.2	540	16.7
Major cardiovascular diseases (390-448)	13,813	422.2	14,015	432.3
Diseases of the heart (390-398, 402, 404-429)	10,620	324.6	10,905	336.4
Rheumatic fever and rheumatic heart disease (390-398)	66	2.0	53	1.6
Hypertensive heart disease with or without renal disease (402,404)	189	5.8	165	5.1
Ischemic heart disease (410-414)	7,422	226.8	7,590	234.1
Other heart diseases (415-429)	2,943	89.9	3,096	95.5
Hypertension with or without renal disease (401,403)	87	2.7	92	2.8
Cerebrovascular disease (430-438)	2,398	73.3	2,310	71.3
Arteriosclerosis (440)	385	11.8	401	12.4
Other diseases of arterioes, arterioles, and capillaries (441-448)	323	9.9	307	9.5
Pneumonia and influenza (480-487)	1,102	33.7	1,163	35.9
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,087	33.2	1,218	37.6
Ulcer of stomach and duodenum (531-533)	92	2.8	78	2.4
Chronic liver disease and cirrhosis (571)	241	7.4	286	8.8
Nephritis, nephrotic syndrome and nephrosis (580-589)	366	11.2	415	12.8
Complications of pregnancy, childbirth, and the puerperium (630-676)	3	.1	7	.2
Congenital anomalies (740-759)	155	4.7	172	5.3
Certain conditions originating in the perinatal period (760-779)	187	5.7	155	4.8
Symptoms, signs, and ill-defined conditions (780-799)	281	8.6	286	8.8
All other diseases (Residual)	2,435	74.4	2,502	77.2
Motor vehicle accidents (E810-E825)	676	20.7	668	20.6
All other accidents and adverse effects (E800-E807, E826-E949)	661	20.2	703	21.7
Suicide (E950-E959)	484	14.8	436	13.4
Homicide and legal intervention (E960-E978)	281	8.6	271	8.4
All other external causes (E980-E999)	44	1.3	37	1.1

*RATE FOR ATTENDANT AT BIRTH IS EQUAL TO THE PERCENT OF TOTAL.

**DEATHS CODED PRIOR TO 1979 ARE ADJUSTED TO THE NINTH REVISION ICDA CODES.

TABLE II
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1988

RACE	TOTAL		WHITE	
ESTIMATED POPULATION JULY 1	3,242,000		2,911,316	
	NUMBER	RATE	NUMBER	RATE
Live Births	47,279	1,458.3	36,512	1,254.1
Physician in hospital	46,287	97.9	35,959	98.5
Physician not in hospital	48	.1	32	.1
Midwife, other, or unknown	944	2.0	521	1.4
Stillbirths	360	7.6	276	7.5
Physician in hospital	339	94.2	258	93.5
Physician not in hospital	17	4.7	15	5.4
Midwife, other, or unknown	4	1.1	3	1.1
Total deaths, all causes	29,766	918.1	26,804	920.7
Deaths under 1 year	428	9.1	335	9.2
Deaths under 1 month	246	5.2	198	5.4
Tuberculosis (010-018)	28	.9	27	.9
Syphilis (090-097)	1		1	
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	436	13.4	373	12.8
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,350	195.9	5,750	197.5
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,408	43.4	1,241	42.6
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,021	62.3	1,844	63.3
Malignant neoplasm of breast (174-175)	490	15.1	446	15.3
Malignant neoplasm of genital organs (179-187)	704	21.7	626	21.5
Malignant neoplasm of urinary organs (188-189)	250	7.7	229	7.9
Leukemia (204-208)	220	6.8	203	7.0
Other malignant neoplasms (140-149, 170-173, 190-203)	1,257	38.8	1,161	39.9
Diabetes mellitus (250)	540	16.7	436	15.0
Major cardiovascular diseases (390-448)	14,015	432.3	12,722	437.0
Diseases of the heart (390-398, 402, 404-429)	10,905	336.4	9,912	340.5
Rheumatic fever and rheumatic heart disease (390-398)	53	1.6	48	1.6
Hypertensive heart disease with or without renal disease (402,404)	165	5.1	136	4.7
Ischemic heart disease (410-414)	7,590	234.1	6,953	238.8
Other heart diseases (415-429)	3,096	95.5	2,774	95.3
Hypertension with or without renal disease (401,403)	92	2.8	74	2.5
Cerebrovascular disease (430-438)	2,310	71.3	2,086	71.7
Arteriosclerosis (440)	401	12.4	362	12.4
Other diseases of arterioes, arterioles, and capillaries (441-448)	307	9.5	288	9.9
Pneumonia and influenza (480-487)	1,163	35.9	1,083	37.2
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,218	37.6	1,151	39.5
Ulcer of stomach and duodenum (531-533)	78	2.4	72	2.5
Chronic liver disease and cirrhosis (571)	286	8.8	229	7.9
Nephritis, nephrotic syndrome and nephrosis (580-589)	415	12.8	350	12.0
Complications of pregnancy, childbirth, and the puerperium (630-676)	7	.2	3	.1
Congenital anomalies (740-759)	172	5.3	147	5.0
Certain conditions originating in the perinatal period (760-779)	155	4.8	116	4.0
Symptoms, signs, and ill-defined conditions (780-799)	286	8.8	237	8.1
All other diseases (Residual)	2,502	77.2	2,263	77.7
Motor vehicle accidents (E810-E825)	668	20.6	590	20.3
All other accidents and adverse effects (E800-E807, E826-E949)	703	21.7	633	21.7
Suicide (E950-E959)	436	13.4	411	14.1
Homicide and legal intervention (E960-E978)	271	8.4	180	6.2
All other external causes (E980-E999)	37	1.1	31	1.1

TABLE II
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1988

RACE	BLACK		INDIAN	
ESTIMATED POPULATION JULY 1	223,698		178,310	
	NUMBER	RATE	NUMBER	RATE
Live Births	5,143	2,299.1	5,624	3,154.1
Physician in hospital	5,088	98.9	5,240	93.2
Physician not in hospital	10	.2	6	.1
Midwife, other, or unknown	45	.9	378	6.7
Stillbirths	51	9.8	33	5.8
Physician in hospital	49	96.1	32	97.0
Physician not in hospital	2	3.9		
Midwife, other, or unknown			1	3.0
Total deaths, all causes	1,912	854.7	1,050	588.9
Deaths under 1 year	66	12.8	27	4.8
Deaths under 1 month	33	6.4	15	2.7
Tuberculosis (010-018)	1	.4		
Syphilis (090-097)				
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	40	17.9	23	12.9
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	419	187.3	181	101.5
Malignant neoplasm of digestive organs and peritoneum (150-159)	116	51.9	51	28.6
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	134	59.9	43	24.1
Malignant neoplasm of breast (174-175)	33	14.8	11	6.2
Malignant neoplasm of genital organs (179-187)	57	25.5	21	11.8
Malignant neoplasm of urinary organs (188-189)	11	4.9	10	5.6
Leukemia (204-208)	10	4.5	7	3.9
Other malignant neoplasms (140-149, 170-173, 190-203)	58	25.9	38	21.3
Diabetes mellitus (250)	57	25.5	47	26.4
Major cardiovascular diseases (390-448)	860	384.4	433	242.8
Diseases of the heart (390-398, 402, 404-429)	651	291.0	342	191.8
Rheumatic fever and rheumatic heart disease (390-398)	5	2.2		
Hypertensive heart disease with or without renal disease (402,404)	22	9.8	7	3.9
Ischemic heart disease (410-414)	410	183.3	227	127.3
Other heart diseases (415-429)	214	95.7	108	60.6
Hypertension with or without renal disease (401,403)	16	7.2	2	1.1
Cerebrovascular disease (430-438)	156	69.7	68	38.1
Arteriosclerosis (440)	27	12.1	12	6.7
Other diseases of arterioes, arterioles, and capillaries (441-448)	10	4.5	9	5.0
Pneumonia and influenza (480-487)	36	16.1	44	24.7
Chronic obstructive pulmonary disease and allied conditions (490-496)	40	17.9	27	15.1
Ulcer of stomach and duodenum (531-533)	6	2.7		
Chronic liver disease and cirrhosis (571)	29	13.0	28	15.7
Nephritis, nephrotic syndrome and nephrosis (580-589)	40	17.9	25	14.0
Complications of pregnancy, childbirth, and the puerperium (630-676)	3	1.3	1	.6
Congenital anomalies (740-759)	17	7.6	8	4.5
Certain conditions originating in the perinatal period (760-779)	28	12.5	11	6.2
Symptoms, signs, and ill-defined conditions (780-799)	28	12.5	21	11.8
All other diseases (Residual)	154	68.8	85	47.7
Motor vehicle accidents (E810-E825)	31	13.9	47	26.4
All other accidents and adverse effects (E800-E807, E826-E949)	34	15.2	36	20.2
Suicide (E950-E959)	14	6.3	11	6.2
Homicide and legal intervention (E960-E978)	70	31.3	21	11.8
All other external causes (E980-E999)	5	2.2	1	.6

TABLE III
BIRTHS AND DEATHS, NUMBER AND RATE
OKLAHOMA, 1930 - 1988
PER 1000 POPULATION

	BIRTHS		DEATHS	
YEAR	NUMBER	RATE	NUMBER	RATE
1930	42505	17.7	19646	8.2
1931	43269	18.1	18802	7.9
1932	41039	17.2	19285	8.1
1933	43697	18.4	20309	8.5
1934	47302	19.9	21373	9.0
1935	43691	18.5	21091	8.9
1936	41815	17.7	23350	9.9
1937	41223	17.5	21399	9.1
1938	44190	18.8	20422	8.7
1939	42760	18.3	20657	8.8
1940	44258	18.9	20618	8.8
1941	45313	19.5	20097	8.6
1942	45277	19.6	18985	8.2
1943	47800	20.7	19765	8.6
1944	46885	20.4	18438	8.0
1945	43405	19.0	18731	8.2
1946	50043	22.0	18420	8.1
1947	52691	23.3	19101	8.4
1948	50420	22.4	19074	8.5
1949	49971	22.3	19346	8.6
1950	50472	22.6	19431	8.7
1951	50597	22.6	20082	9.0
1952	50146	22.3	19645	8.7
1953	51275	22.7	19820	8.8
1954	51457	22.7	20121	8.9
1955	50636	22.2	19705	8.6
1956	51894	22.7	20954	9.2
1957	51349	22.3	21568	9.4
1958	50552	21.9	21812	9.4
1959	51141	22.1	21996	9.5
1960	50900	21.9	22932	9.9
1961	50859	21.6	22973	9.8
1962	51351	21.6	24005	10.1
1963	49955	20.8	24458	10.2
1964	47563	19.7	24194	10.0
1965	42806	17.5	24304	9.9
1966	39993	16.2	24806	10.1
1967	40102	16.1	24859	10.0
1968	40973	16.3	25708	10.2
1969	42737	16.9	25972	10.2
1970	44991	17.6	26750	10.5
1971	45353	17.4	25682	9.8
1972	42303	16.1	26935	10.2
1973	40765	15.3	27357	10.2
1974	42363	15.8	27228	10.2
1975	42704	15.7	27165	10.0
1976	43655	15.8	27103	9.8
1977	45449	16.2	26766	9.5
1978	45883	15.9	27892	9.7
1979	49007	16.9	27756	9.6
1980	52065	17.2	28227	9.3
1981	53620	17.3	28568	9.2
1982	58748	18.5	29305	9.2
1983	56859	17.2	29426	8.9
1984	54323	16.5	28635	8.7
1985	53100	16.1	29735	9.0
1986	50536	15.3	29708	9.0
1987	47697	14.6	29191	8.9
1988	47279	14.6	29766	8.9

TABLE IV
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, RACE, NUMBER AND PERCENT OF LOW-WEIGHT BIRTHS*, OKLAHOMA, 1988

AGE OF MOTHER	TOTAL			WHITE			BLACK			INDIAN		
	BIRTHS	LOW-BIRTHS	PERCENT	BIRTHS	LOW-BIRTHS	PERCENT	BIRTHS	LOW-BIRTHS	PERCENT	BIRTHS	LOW-BIRTHS	PERCENT
TOTAL	47,279	3,140	6.6	36,512	2,207	6.0	5,143	614	11.9	5,624	319	5.7
LESS THAN 13	7	1	14.3	3		.0	3	1	33.3	1		.0
13	19	6	31.6	5	2	40.0	10	3	30.0	4	1	25.0
14	115	12	10.4	65	7	10.8	38	4	10.5	12	1	8.3
15	358	47	13.1	198	23	11.6	107	19	17.8	53	5	9.4
16	828	73	8.8	497	43	8.7	200	23	11.5	131	7	5.3
17	1,524	142	9.3	1,000	95	9.5	253	34	13.4	271	13	4.8
18	2,117	166	7.8	1,455	110	7.6	315	33	10.5	347	23	6.6
19	2,593	189	7.3	1,849	132	7.1	342	37	10.8	402	20	5.0
20	2,862	204	7.1	2,047	129	6.3	389	54	13.9	426	21	4.9
21	2,909	189	6.5	2,064	115	5.6	407	48	11.8	438	26	5.9
22	2,938	192	6.5	2,174	140	6.4	340	31	9.1	424	21	5.0
23	3,286	213	6.5	2,465	142	5.8	378	41	10.8	443	30	6.8
24	3,120	190	6.1	2,371	132	5.6	326	33	10.1	423	25	5.9
25	3,131	188	6.0	2,540	145	5.7	273	22	8.1	318	21	6.6
26	3,176	196	6.2	2,589	148	5.7	276	35	12.7	311	13	4.2
27	3,002	160	5.3	2,473	113	4.6	231	28	12.1	298	19	6.4
28	2,740	176	6.4	2,286	139	6.1	217	28	12.9	237	9	3.8
29	2,383	139	5.8	1,950	104	5.3	201	22	10.9	232	13	5.6
30 TO 34	7,648	471	6.2	6,404	351	5.5	620	87	14.0	624	33	5.3
35 TO 39	2,194	165	7.5	1,813	117	6.5	186	31	16.7	195	17	8.7
40 TO 44	305	19	6.2	252	18	7.1	25		.0	28	1	3.6
45 AND OVER	8	1	12.5	7	1	14.3			.0	1		.0
UNKNOWN	16	1	6.3	5	1	20.0	6		.0	5		.0

*BIRTHS WITH A SPECIFIED WIGHT OF 5 LB. 8 OZ. OR LESS

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	ADAIR					ALFALFA				
POPULATION	20,500					6,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	364	1775.6	111		253	74	1156.3	74		
Physician in hospital	318	87.4	108		210	72	97.3	72		
Physician not in hospital	2	.5	1		1					
Midwife, other, or unknown	44	12.1	2		42	2	2.7	2		
Stillbirths	1	2.7			1					
Physician in hospital	1	100.0			1					
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	213	1039.0	162		51	102	1593.8	102		
Deaths under 1 year	5	13.7	3		2	1	13.5	1		
Deaths under 1 month	1	2.7	1			1	13.5	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	14.6	1		2	2	31.3	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	40	195.1	33		7	20	312.5	20		
Malignant neoplasm of digestive organs and peritoneum (150-159)	8	39.0	5		3	8	125.0	8		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	10	48.8	10			6	93.8	6		
Malignant neoplasm of breast (174-175)	3	14.6	2		1					
Malignant neoplasm of genital organs (179-187)	7	34.1	7			1	15.6	1		
Malignant neoplasm of urinary organs (188-189)	1	4.9			1	1	15.6	1		
Leukemia (204-208)	3	14.6	2		1					
Other malignant neoplasms (140-149, 170-173, 190-203)	8	39.0	7		1	4	62.5	4		
Diabetes mellitus (250)	4	19.5	1		3	1	15.6	1		
Major cardiovascular diseases (390-448)	91	443.9	74		17	56	875.0	56		
Diseases of the heart (390-398, 402, 404-429)	69	336.6	55		14	43	671.9	43		
Rheumatic fever and rheumatic heart disease (390-398)	1	4.9	1							
Hypertensive heart disease with or without renal disease (402,404)	3	14.6	3							
Ischemic heart disease (410-414)	41	200.0	33		8	34	531.3	34		
Other heart diseases (415-429)	24	117.1	18		6	9	140.6	9		
Hypertension with or without renal disease (401,403)						1	15.6	1		
Cerebrovascular disease (430-438)	20	97.6	18		2	8	125.0	8		
Arteriosclerosis (440)	1	4.9			1	2	31.3	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	4.9	1			2	31.3	2		
Pneumonia and influenza (480-487)	12	58.5	8		4	3	46.9	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	39.0	5		3	4	62.5	4		
Ulcer of stomach and duodenum (531-533)	1	4.9	1			2	31.3	2		
Chronic liver disease and cirrhosis (571)	3	14.6	3			1	15.6	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	9.8	1		1	4	62.5	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	9.8	1		1					
Certain conditions originating in the perinatal period (760-779)	2	9.8	2			1	15.6	1		
Symptoms, signs, and ill-defined conditions (780-799)	5	24.4	2		3					
All other diseases (Residual)	23	112.2	20		3	4	62.5	4		
Motor vehicle accidents (E810-E825)	9	43.9	7		2	1	15.6	1		
All other accidents and adverse effects (E800-E807, E826-E949)	3	14.6	1		2	2	31.3	2		
Suicide (E950-E959)	3	14.6	1		2	1	15.6	1		
Homicide and legal intervention (E960-E978)	2	9.8	1		1					
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	ATOKA 13,500					BEAVER 6,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	163	1207.4	120	13	30	77	1115.9	75		2
Physician in hospital	160	98.2	118	12	30	76	98.7	74		2
Physician not in hospital	1	.6		1						
Midwife, other, or unknown	2	1.2	2			1	1.3	1		
Stillbirths	2	12.1	2							
Physician in hospital	2	100.0	2							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	127	940.7	113	6	8	49	710.1	49		
Deaths under 1 year	2	12.3	2							
Deaths under 1 month	1	6.1	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	14.5	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	133.3	15	1	2	6	87.0	6		
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	22.2	2		1	3	43.5	3		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	51.9	7			1	14.5	1		
Malignant neoplasm of breast (174-175)	3	22.2	2		1	1	14.5	1		
Malignant neoplasm of genital organs (179-187)	3	22.2	3			1	14.5	1		
Malignant neoplasm of urinary organs (188-189)	1	7.4	1							
Leukemia (204-208)	1	7.4		1						
Other malignant neoplasms (140-149, 170-173, 190-203)										
Diabetes mellitus (250)	2	14.8	2							
Major cardiovascular diseases (390-448)	84	622.2	76	5	3	29	420.3	29		
Diseases of the heart (390-398, 402, 404-429)	76	563.0	69	4	3	26	376.8	26		
Rheumatic fever and rheumatic heart disease (390-398)	1	7.4	1							
Hypertensive heart disease with or without renal disease (402,404)	1	7.4	1							
Ischemic heart disease (410-414)	32	237.0	27	3	2	17	246.4	17		
Other heart diseases (415-429)	42	311.1	40	1	1	9	130.4	9		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	6	44.4	5	1		3	43.5	3		
Arteriosclerosis (440)	2	14.8	2							
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	2	14.8	1		1	2	29.0	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	29.6	3		1	1	14.5	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	2	14.8	2							
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	22.2	3							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	7.4	1							
Certain conditions originating in the perinatal period (760-779)	1	7.4	1							
Symptoms, signs, and ill-defined conditions (780-799)						1	14.5	1		
All other diseases (Residual)	2	14.8	2			6	87.0	6		
Motor vehicle accidents (E810-E825)	3	22.2	3			2	29.0	2		
All other accidents and adverse effects (E800-E807, E826-E949)	4	29.6	3		1	1	14.5	1		
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)	1	7.4	1							
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	BECKHAM					BLAINE				
POPULATION	19,700					12,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	284	1441.6	263	8	13	167	1294.6	121	9	37
Physician in hospital	282	99.3	261	8	13	166	99.4	121	9	36
Physician not in hospital						1	.6			1
Midwife, other, or unknown	2	.7	2							
Stillbirths	3	10.5	3							
Physician in hospital	3	100.0	3							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	255	1294.4	245	5	5	199	1542.6	178	7	14
Deaths under 1 year	3	10.6	3			1	6.0	1		
Deaths under 1 month	3	10.6	3							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	30.5	5		1	2	15.5	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	49	248.7	47	2		36	279.1	33	2	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	13	66.0	12	1		11	85.3	10		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	15	76.1	14	1		8	62.0	6	2	
Malignant neoplasm of breast (174-175)	3	15.2	3			2	15.5	2		
Malignant neoplasm of genital organs (179-187)	5	25.4	5			4	31.0	4		
Malignant neoplasm of urinary organs (188-189)	3	15.2	3			1	7.8	1		
Leukemia (204-208)	1	5.1	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	9	45.7	9			10	77.5	10		
Diabetes mellitus (250)	6	30.5	6			6	46.5	5		1
Major cardiovascular diseases (390-448)	105	533.0	103	2		95	736.4	85	3	7
Diseases of the heart (390-398, 402, 404-429)	87	441.6	85	2		80	620.2	70	3	7
Rheumatic fever and rheumatic heart disease (390-398)	1	5.1	1							
Hypertensive heart disease with or without renal disease (402,404)	2	10.2	2			2	15.5	2		
Ischemic heart disease (410-414)	69	350.3	67	2		57	441.9	48	3	6
Other heart diseases (415-429)	15	76.1	15			21	162.8	20		1
Hypertension with or without renal disease (401,403)	1	5.1	1							
Cerebrovascular disease (430-438)	14	71.1	14			13	100.8	13		
Arteriosclerosis (440)	2	10.2	2							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	5.1	1			2	15.5	2		
Pneumonia and influenza (480-487)	7	35.5	6		1	13	100.8	12		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	45.7	9			4	31.0	4		
Ulcer of stomach and duodenum (531-533)						1	7.8	1		
Chronic liver disease and cirrhosis (571)	2	10.2	2			4	31.0	1	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	10.2	1		1	4	31.0	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	5.1	1							
Certain conditions originating in the perinatal period (760-779)	2	10.2	2							
Symptoms, signs, and ill-defined conditions (780-799)	18	91.4	18			5	38.8	5		
All other diseases (Residual)	25	126.9	23		2	19	147.3	17	1	1
Motor vehicle accidents (E810-E825)	11	55.8	11			6	46.5	6		
All other accidents and adverse effects (E800-E807, E826-E949)	7	35.5	7			3	23.3	2		1
Suicide (E950-E959)	4	20.3	4							
Homicide and legal intervention (E960-E978)	1	5.1		1		1	7.8	1		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	BRYAN					CADDO				
POPULATION	33,100					32,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	441	1332.3	368	8	65	492	1532.7	278	16	198
Physician in hospital	441	100.0	368	8	65	488	99.2	275	16	197
Physician not in hospital						1	.2	1		
Midwife, other, or unknown						3	.6	2		1
Stillbirths	5	11.2	5			1	2.0	1		
Physician in hospital	5	100.0	5			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	322	972.8	309	6	7	394	1227.4	326	8	60
Deaths under 1 year	5	11.3	5			4	8.1	1	1	2
Deaths under 1 month	5	11.3	5			2	4.1			2
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	6.2	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	80	241.7	78	1	1	80	249.2	63	3	14
Malignant neoplasm of digestive organs and peritoneum (150-159)	17	51.4	17			15	46.7	12	1	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	15	45.3	15			28	87.2	25		3
Malignant neoplasm of breast (174-175)	6	18.1	6			5	15.6	2	1	2
Malignant neoplasm of genital organs (179-187)	9	27.2	8	1		10	31.2	7	1	2
Malignant neoplasm of urinary organs (188-189)	6	18.1	6			4	12.5	4		
Leukemia (204-208)	4	12.1	4			2	6.2	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	23	69.5	22		1	16	49.8	11		5
Diabetes mellitus (250)	4	12.1	4			9	28.0	5		4
Major cardiovascular diseases (390-448)	151	456.2	142	4	5	178	554.5	157	2	19
Diseases of the heart (390-398, 402, 404-429)	119	359.5	111	3	5	141	439.3	124	1	16
Rheumatic fever and rheumatic heart disease (390-398)						1	3.1	1		
Hypertensive heart disease with or without renal disease (402,404)						2	6.2	1		1
Ischemic heart disease (410-414)	94	284.0	86	3	5	99	308.4	88	1	10
Other heart diseases (415-429)	25	75.5	25			39	121.5	34		5
Hypertension with or without renal disease (401,403)	3	9.1	3							
Cerebrovascular disease (430-438)	16	48.3	16			26	81.0	24	1	1
Arteriosclerosis (440)	10	30.2	9	1		6	18.7	5		1
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	9.1	3			5	15.6	4		1
Pneumonia and influenza (480-487)	15	45.3	15			19	59.2	14		5
Chronic obstructive pulmonary disease and allied conditions (490-496)	13	39.3	13			16	49.8	15		1
Ulcer of stomach and duodenum (531-533)	1	3.0	1							
Chronic liver disease and cirrhosis (571)	2	6.0	2			2	6.2	1		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	9.1	2	1		8	24.9	5	1	2
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	5	15.1	5			5	15.6	5		
Certain conditions originating in the perinatal period (760-779)	1	3.0	1			2	6.2			2
Symptoms, signs, and ill-defined conditions (780-799)	1	3.0	1			4	12.5	2	1	1
All other diseases (Residual)	23	69.5	22		1	32	99.7	28	1	3
Motor vehicle accidents (E810-E825)	7	21.1	7			17	53.0	13		4
All other accidents and adverse effects (E800-E807, E826-E949)	6	18.1	6			11	34.3	9		2
Suicide (E950-E959)	5	15.1	5			4	12.5	4		
Homicide and legal intervention (E960-E978)	2	6.0	2			5	15.6	3		2
All other external causes (E980-E999)	3	9.1	3							

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	CANADIAN					CARTER				
POPULATION	73,700					45,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	1,077	1461.3	1,005	28	44	606	1328.9	488	68	50
Physician in hospital	1,059	98.3	987	28	44	603	99.5	485	68	50
Physician not in hospital	2	.2	2			2	.3	2		
Midwife, other, or unknown	16	1.5	16			1	.2	1		
Stillbirths	4	3.7	4			2	3.3	1	1	
Physician in hospital	4	100.0	4			2	100.0	1	1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	411	557.7	387	17	7	508	1114.0	457	33	18
Deaths under 1 year	5	4.6	5			4	6.6	4		
Deaths under 1 month	4	3.7	4			3	5.0	3		
Tuberculosis (010-018)	1	1.4	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	8.1	5		1	8	17.5	8		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	73	99.1	69	3	1	100	219.3	91	6	3
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	14.9	10	1		17	37.3	15	2	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	27	36.6	24	2	1	31	68.0	28	2	1
Malignant neoplasm of breast (174-175)	9	12.2	9			11	24.1	10		1
Malignant neoplasm of genital organs (179-187)	7	9.5	7			6	13.2	4	2	
Malignant neoplasm of urinary organs (188-189)	2	2.7	2			5	11.0	5		
Leukemia (204-208)	4	5.4	4			6	13.2	6		
Other malignant neoplasms (140-149, 170-173, 190-203)	13	17.6	13			24	52.6	23		1
Diabetes mellitus (250)	10	13.6	6	2	2	11	24.1	7	3	1
Major cardiovascular diseases (390-448)	205	278.2	193	11	1	250	548.2	226	17	7
Diseases of the heart (390-398, 402, 404-429)	164	222.5	154	9	1	188	412.3	175	9	4
Rheumatic fever and rheumatic heart disease (390-398)						1	2.2	1		
Hypertensive heart disease with or without renal disease (402,404)	2	2.7	2			5	11.0	5		
Ischemic heart disease (410-414)	104	141.1	99	4	1	138	302.6	131	6	1
Other heart diseases (415-429)	58	78.7	53	5		44	96.5	38	3	3
Hypertension with or without renal disease (401,403)						5	11.0	2	2	1
Cerebrovascular disease (430-438)	29	39.3	27	2		43	94.3	38	5	
Arteriosclerosis (440)	7	9.5	7			6	13.2	3	1	2
Other diseases of arterioes, arterioles, and capillaries (441-448)	5	6.8	5			8	17.5	8		
Pneumonia and influenza (480-487)	13	17.6	13			20	43.9	17	2	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	16	21.7	16			17	37.3	16		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	5	6.8	5			7	15.4	5	1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	4.1	3			8	17.5	7	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	4	5.4	4			3	6.6	3		
Certain conditions originating in the perinatal period (760-779)	1	1.4	1			1	2.2	1		
Symptoms, signs, and ill-defined conditions (780-799)	2	2.7	1		1	7	15.4	7		
All other diseases (Residual)	39	52.9	38		1	46	100.9	41	2	3
Motor vehicle accidents (E810-E825)	10	13.6	10			6	13.2	6		
All other accidents and adverse effects (E800-E807, E826-E949)	9	12.2	9			12	26.3	10	1	1
Suicide (E950-E959)	11	14.9	11			9	19.7	9		
Homicide and legal intervention (E960-E978)	3	4.1	2	1		2	4.4	2		
All other external causes (E980-E999)						1	2.2	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	CHEROKEE 35,900					CHOCTAW 16,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	484	1348.2	201	9	274	234	1409.6	133	46	55
Physician in hospital	429	88.6	194	9	226	229	97.9	132	46	51
Physician not in hospital										
Midwife, other, or unknown	55	11.4	7		48	5	2.1	1		4
Stillbirths	5	10.2	3		2	4	16.8		2	2
Physician in hospital	4	80.0	2		2	4	100.0		2	2
Physician not in hospital	1	20.0	1							
Midwife, other, or unknown										
Total deaths, all causes	333	927.6	263	2	68	219	1319.3	183	26	10
Deaths under 1 year	7	14.5	5	1	1	4	17.1	4		
Deaths under 1 month	2	4.1	1		1	2	8.5	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	5	13.9	3		2	2	12.0	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	71	197.8	56		15	42	253.0	38	2	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	16.7	5		1	10	60.2	9	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	27	75.2	21		6	16	96.4	15	1	
Malignant neoplasm of breast (174-175)	3	8.4	3							
Malignant neoplasm of genital organs (179-187)	10	27.9	8		2	5	30.1	5		
Malignant neoplasm of urinary organs (188-189)	4	11.1	2		2	4	24.1	3		1
Leukemia (204-208)	5	13.9	3		2	3	18.1	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	16	44.6	14		2	4	24.1	3		1
Diabetes mellitus (250)	8	22.3	4		4	1	6.0	1		
Major cardiovascular diseases (390-448)	144	401.1	119	1	24	108	650.6	89	14	5
Diseases of the heart (390-398, 402, 404-429)	113	314.8	91	1	21	97	584.3	78	14	5
Rheumatic fever and rheumatic heart disease (390-398)						1	6.0	1		
Hypertensive heart disease with or without renal disease (402,404)						1	6.0	1		
Ischemic heart disease (410-414)	85	236.8	71	1	13	64	385.5	53	7	4
Other heart diseases (415-429)	28	78.0	20		8	31	186.7	23	7	1
Hypertension with or without renal disease (401,403)	1	2.8	1							
Cerebrovascular disease (430-438)	26	72.4	24		2	8	48.2	8		
Arteriosclerosis (440)	3	8.4	3			2	12.0	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	2.8			1	1	6.0	1		
Pneumonia and influenza (480-487)	15	41.8	13		2	15	90.4	13	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	22	61.3	17		5	2	12.0	2		
Ulcer of stomach and duodenum (531-533)						1	6.0	1		
Chronic liver disease and cirrhosis (571)	1	2.8	1			5	30.1	2	2	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	13.9	3		2	4	24.1	3	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	6.0		1	
Congenital anomalies (740-759)	4	11.1	4							
Certain conditions originating in the perinatal period (760-779)	1	2.8			1	2	12.0	2		
Symptoms, signs, and ill-defined conditions (780-799)	5	13.9	3	1	1	5	30.1	5		
All other diseases (Residual)	23	64.1	17		6	19	114.5	16	2	1
Motor vehicle accidents (E810-E825)	9	25.1	8		1	3	18.1	2	1	
All other accidents and adverse effects (E800-E807, E826-E949)	12	33.4	7		5	7	42.2	6	1	
Suicide (E950-E959)	5	13.9	5							
Homicide and legal intervention (E960-E978)	3	8.4	3			2	12.0	1		1
All other external causes (E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	CIMARRON 4,100					CLEVELAND 163,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	44	1073.2	44			2,216	1356.2	2,019	74	123
Physician in hospital	44	100.0	44			2,187	98.7	1,991	73	123
Physician not in hospital						1		1		
Midwife, other, or unknown						28	1.3	27	1	
Stillbirths						23	10.3	21		2
Physician in hospital						21	91.3	19		2
Physician not in hospital						2	8.7	2		
Midwife, other, or unknown										
Total deaths, all causes	38	926.8	38			846	517.7	825	7	14
Deaths under 1 year						20	9.0	19	1	
Deaths under 1 month						12	5.4	12		
Tuberculosis (010-018)						3	1.8	3		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						15	9.2	14	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	8	195.1	8			189	115.7	184	2	3
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	24.4	1			45	27.5	43		2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1	24.4	1			51	31.2	49	1	1
Malignant neoplasm of breast (174-175)	2	48.8	2			20	12.2	20		
Malignant neoplasm of genital organs (179-187)	1	24.4	1			17	10.4	17		
Malignant neoplasm of urinary organs (188-189)						3	1.8	3		
Leukemia (204-208)						7	4.3	7		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	73.2	3			46	28.2	45	1	
Diabetes mellitus (250)	1	24.4	1			12	7.3	12		
Major cardiovascular diseases (390-448)	19	463.4	19			361	220.9	355	1	5
Diseases of the heart (390-398, 402, 404-429)	14	341.5	14			271	165.9	267	1	3
Rheumatic fever and rheumatic heart disease (390-398)						1	.6	1		
Hypertensive heart disease with or without renal disease (402,404)						2	1.2	2		
Ischemic heart disease (410-414)	8	195.1	8			199	121.8	197		2
Other heart diseases (415-429)	6	146.3	6			69	42.2	67	1	1
Hypertension with or without renal disease (401,403)						2	1.2	2		
Cerebrovascular disease (430-438)	5	122.0	5			71	43.5	70		1
Arteriosclerosis (440)						7	4.3	6		1
Other diseases of arterioes, arterioles, and capillaries (441-448)						10	6.1	10		
Pneumonia and influenza (480-487)						38	23.3	35	1	2
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	122.0	5			28	17.1	28		
Ulcer of stomach and duodenum (531-533)						4	2.4	4		
Chronic liver disease and cirrhosis (571)	2	48.8	2			4	2.4	4		
Nephritis, nephrotic syndrome and nephrosis (580-589)						9	5.5	9		
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	.6	1		
Congenital anomalies (740-759)						7	4.3	7		
Certain conditions originating in the perinatal period (760-779)						8	4.9	8		
Symptoms, signs, and ill-defined conditions (780-799)						12	7.3	11		1
All other diseases (Residual)	1	24.4	1			84	51.4	84		
Motor vehicle accidents (E810-E825)	1	24.4	1			17	10.4	17		
All other accidents and adverse effects (E800-E807, E826-E949)						22	13.5	21		1
Suicide (E950-E959)	1	24.4	1			23	14.1	21	1	1
Homicide and legal intervention (E960-E978)						7	4.3	5	1	1
All other external causes (E980-E999)						2	1.2	2		

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	COAL					COMANCHE				
POPULATION	6,000					119,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	74	1233.3	52	2	20	2,261	1895.2	1,551	558	152
Physician in hospital	74	100.0	52	2	20	2,252	99.6	1,545	555	152
Physician not in hospital						3	.1	1	2	
Midwife, other, or unknown						6	.3	5	1	
Stillbirths	1	13.3			1	20	8.8	16	3	1
Physician in hospital	1	100.0			1	20	100.0	16	3	1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	83	1383.3	80		3	710	595.1	590	98	22
Deaths under 1 year						17	7.5	10	7	
Deaths under 1 month						8	3.5	6	2	
Tuberculosis (010-018)						3	2.5	3		
Syphilis (090-097)						1	.8	1		
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	33.3	2			7	5.9	4	3	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	19	316.7	17		2	162	135.8	143	17	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	83.3	4		1	46	38.6	39	6	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	83.3	5			44	36.9	41	3	
Malignant neoplasm of breast (174-175)	1	16.7	1			14	11.7	12	2	
Malignant neoplasm of genital organs (179-187)	2	33.3	1		1	17	14.2	13	3	1
Malignant neoplasm of urinary organs (188-189)	2	33.3	2			4	3.4	3	1	
Leukemia (204-208)	1	16.7	1			8	6.7	7	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	3	50.0	3			29	24.3	28	1	
Diabetes mellitus (250)						12	10.1	11		1
Major cardiovascular diseases (390-448)	31	516.7	31			294	246.4	238	44	12
Diseases of the heart (390-398, 402, 404-429)	25	416.7	25			238	199.5	194	35	9
Rheumatic fever and rheumatic heart disease (390-398)						1	.8		1	
Hypertensive heart disease with or without renal disease (402,404)						4	3.4	3	1	
Ischemic heart disease (410-414)	17	283.3	17			167	140.0	148	15	4
Other heart diseases (415-429)	8	133.3	8			66	55.3	43	18	5
Hypertension with or without renal disease (401,403)						7	5.9	7		
Cerebrovascular disease (430-438)	3	50.0	3			39	32.7	30	6	3
Arteriosclerosis (440)						1	.8		1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	50.0	3			9	7.5	7	2	
Pneumonia and influenza (480-487)	6	100.0	6			33	27.7	32		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	83.3	5			32	26.8	28	4	
Ulcer of stomach and duodenum (531-533)						2	1.7	1	1	
Chronic liver disease and cirrhosis (571)	3	50.0	3			7	5.9	4	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	50.0	3			4	3.4	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						4	3.4	3		1
Certain conditions originating in the perinatal period (760-779)						7	5.9	4	3	
Symptoms, signs, and ill-defined conditions (780-799)	1	16.7	1			11	9.2	7	3	1
All other diseases (Residual)	10	166.7	9		1	64	53.6	51	11	2
Motor vehicle accidents (E810-E825)						22	18.4	20	2	
All other accidents and adverse effects (E800-E807, E826-E949)						18	15.1	16	2	
Suicide (E950-E959)	3	50.0	3			17	14.2	14	3	
Homicide and legal intervention (E960-E978)						9	7.5	5	4	
All other external causes (E980-E999)						1	.8	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	COTTON					CRAIG				
POPULATION	6,900					15,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	77	1115.9	58	2	17	200	1333.3	126	12	62
Physician in hospital	76	98.7	57	2	17	191	95.5	126	12	53
Physician not in hospital										
Midwife, other, or unknown	1	1.3	1			9	4.5			9
Stillbirths	1	12.8	1			1	5.0	1		
Physician in hospital	1	100.0	1			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	95	1376.8	91	1	3	222	1480.0	200	7	15
Deaths under 1 year	1	13.0	1			4	20.0	4		
Deaths under 1 month						3	15.0	3		
Tuberculosis (010-018)	1	14.5	1			2	13.3	2		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	260.9	16		2	35	233.3	32		3
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	72.5	5			3	20.0	3		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	43.5	3			18	120.0	16		2
Malignant neoplasm of breast (174-175)	2	29.0	2			3	20.0	3		
Malignant neoplasm of genital organs (179-187)	4	58.0	3		1	3	20.0	2		1
Malignant neoplasm of urinary organs (188-189)	1	14.5	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	3	43.5	2		1	8	53.3	8		
Diabetes mellitus (250)						7	46.7	4	1	2
Major cardiovascular diseases (390-448)	54	782.6	52	1	1	110	733.3	99	4	7
Diseases of the heart (390-398, 402, 404-429)	47	681.2	45	1	1	72	480.0	66	1	5
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						2	13.3	1		1
Ischemic heart disease (410-414)	22	318.8	20	1	1	50	333.3	45	1	4
Other heart diseases (415-429)	25	362.3	25			20	133.3	20		
Hypertension with or without renal disease (401,403)	1	14.5	1			1	6.7	1		
Cerebrovascular disease (430-438)	6	87.0	6			29	193.3	25	2	2
Arteriosclerosis (440)						4	26.7	4		
Other diseases of arterioes, arterioles, and capillaries (441-448)						4	26.7	3	1	
Pneumonia and influenza (480-487)	2	29.0	2			14	93.3	13		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	7	101.4	7			8	53.3	8		
Ulcer of stomach and duodenum (531-533)						1	6.7	1		
Chronic liver disease and cirrhosis (571)	1	14.5	1			4	26.7	3	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	14.5	1			6	40.0	5		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	13.3	2		
Certain conditions originating in the perinatal period (760-779)						3	20.0	3		
Symptoms, signs, and ill-defined conditions (780-799)	1	14.5	1			1	6.7	1		
All other diseases (Residual)	9	130.4	9			20	133.3	18	1	1
Motor vehicle accidents (E810-E825)						4	26.7	4		
All other accidents and adverse effects (E800-E807, E826-E949)	1	14.5	1			3	20.0	3		
Suicide (E950-E959)						1	6.7	1		
Homicide and legal intervention (E960-E978)						1	6.7	1		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	CREEK 64,200					CUSTER 28,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	854	1330.2	689	45	120	382	1359.4	315	19	48
Physician in hospital..........................	770	90.2	628	43	99	378	99.0	311	19	48
Physician not in hospital......................										
Midwife, other, or unknown.....................	84	9.8	61	2	21	4	1.0	4		
Stillbirths..	7	8.1	6		1	3	7.8	3		
Physician in hospital..........................	7	100.0	6		1	2	66.7	2		
Physician not in hospital......................						1	33.3	1		
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	541	842.7	504	25	12	252	896.8	234	4	14
Deaths under 1 year............................	6	7.0	5	1		3	7.9			3
Deaths under 1 month...........................	1	1.2	1			1	2.6			1
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	4	6.2	3	1		3	10.7	3		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	108	168.2	99	7	2	55	195.7	52	1	2
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	25	38.9	24	1		15	53.4	13	1	1
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	35	54.5	31	4		14	49.8	14		
Malignant neoplasm of breast ....(174-175)	9	14.0	7	2		5	17.8	4		1
Malignant neoplasm of genital organs ....(179-187)	10	15.6	9		1	8	28.5	8		
Malignant neoplasm of urinary organs .(188-189)	6	9.3	5		1	2	7.1	2		
Leukemia ....(204-208)	5	7.8	5							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	18	28.0	18			11	39.1	11		
Diabetes mellitus ....(250)	14	21.8	11	2	1	5	17.8	4		1
Major cardiovascular diseases ....(390-448)	247	384.7	235	7	5	110	391.5	105	2	3
Diseases of the heart ....(390-398, 402, 404-429)	197	306.9	192	3	2	98	348.8	93	2	3
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	4	6.2	4			3	10.7	3		
Ischemic heart disease ....(410-414)	143	222.7	141	1	1	68	242.0	64	2	2
Other heart diseases ....(415-429)	50	77.9	47	2	1	27	96.1	26		1
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	41	63.9	36	3	2	11	39.1	11		
Arteriosclerosis ....(440)	4	6.2	3	1						
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	5	7.8	4		1	1	3.6	1		
Pneumonia and influenza ....(480-487)	22	34.3	22			12	42.7	11		1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	19	29.6	19			9	32.0	9		
Ulcer of stomach and duodenum ....(531-533)	7	10.9	7			2	7.1	2		
Chronic liver disease and cirrhosis ....(571)	4	6.2	3	1		2	7.1		1	1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	11	17.1	9	2		8	28.5	8		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	4	6.2	3	1		1	3.6	1		
Certain conditions originating in the perinatal period ....(760-779)	1	1.6	1			2	7.1			2
Symptoms, signs, and ill-defined conditions ....(780-799)	4	6.2	4			4	14.2	3		1
All other diseases ....(Residual)	51	79.4	49	2		21	74.7	20		1
Motor vehicle accidents ....(E810-E825)	14	21.8	14			5	17.8	5		
All other accidents and adverse effects ....(E800-E807, E826-E949)	13	20.2	11	1	1	7	24.9	7		
Suicide ....(E950-E959)	10	15.6	9		1	3	10.7	2		1
Homicide and legal intervention ....(E960-E978)	8	12.5	5	1	2	2	7.1	1		1
All other external causes ....(E980-E999)						1	3.6	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	DELAWARE					DEWEY				
POPULATION	28,900					5,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births....................................	371	1283.7	211	1	159	70	1186.4	63		7
Physician in hospital..........................	344	92.7	211	1	132	66	94.3	59		7
Physician not in hospital......................										
Midwife, other, or unknown.....................	27	7.3			27	4	5.7	4		
Stillbirths....................................	4	10.7	2		2	2	27.8	2		
Physician in hospital..........................	4	100.0	2		2	1	50.0	1		
Physician not in hospital......................						1	50.0	1		
Midwife, other, or unknown.....................										
Total deaths, all causes.......................	351	1214.5	313		38	89	1508.5	82		7
Deaths under 1 year............................	3	8.1			3					
Deaths under 1 month...........................	1	2.7			1					
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	2	6.9	2			2	33.9	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	81	280.3	74		7	17	288.1	16		1
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	16	55.4	15		1	3	50.8	3		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	34	117.6	32		2	7	118.6	7		
Malignant neoplasm of breast ....(174-175)	6	20.8	6			2	33.9	2		
Malignant neoplasm of genital organs ....(179-187)	8	27.7	6		2	1	16.9	1		
Malignant neoplasm of urinary organs .(188-189)	2	6.9	2			1	16.9			1
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	15	51.9	13		2	3	50.8	3		
Diabetes mellitus ....(250)	4	13.8	3		1	2	33.9	1		1
Major cardiovascular diseases ....(390-448)	172	595.2	153		19	45	762.7	45		
Diseases of the heart ....(390-398, 402, 404-429)	132	456.7	117		15	23	389.8	23		
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	69	238.8	63		6	17	288.1	17		
Other heart diseases ....(415-429)	63	218.0	54		9	6	101.7	6		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	30	103.8	28		2	13	220.3	13		
Arteriosclerosis ....(440)	8	27.7	6		2	9	152.5	9		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	2	6.9	2							
Pneumonia and influenza ....(480-487)	11	38.1	9		2	1	16.9	1		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	15	51.9	15			5	84.7	5		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	1	3.5	1			1	16.9			1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	4	13.8	4							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	2	6.9			2					
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	4	13.8	4							
All other diseases ....(Residual)	27	93.4	26		1	8	135.6	5		3
Motor vehicle accidents ....(E810-E825)	11	38.1	9		2	2	33.9	2		
All other accidents and adverse effects ....(E800-E807, E826-E949)	9	31.1	7		2	3	50.8	3		
Suicide ....(E950-E959)	5	17.3	4		1	1	16.9	1		
Homicide and legal intervention ....(E960-E978)	2	6.9	1		1	1	16.9			1
All other external causes ....(E980-E999)	1	3.5	1			1	16.9	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	ELLIS					GARFIELD				
POPULATION	5,000					58,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	35	700.0	35			823	1411.7	750	48	25
Physician in hospital	35	100.0	35			819	99.5	749	45	25
Physician not in hospital						1	.1		1	
Midwife, other, or unknown						3	.4	1	2	
Stillbirths						4	4.8	4		
Physician in hospital						4	100.0	4		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	57	1140.0	57			601	1030.9	581	18	2
Deaths under 1 year						5	6.1	5		
Deaths under 1 month						3	3.6	3		
Tuberculosis (010-018)						2	3.4	2		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						7	12.0	5	2	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	9	180.0	9			125	214.4	121	3	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	20.0	1			30	51.5	30		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	40.0	2			30	51.5	30		
Malignant neoplasm of breast (174-175)	2	40.0	2			13	22.3	11	2	
Malignant neoplasm of genital organs (179-187)						13	22.3	13		
Malignant neoplasm of urinary organs (188-189)						3	5.1	3		
Leukemia (204-208)	2	40.0	2			7	12.0	7		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	40.0	2			29	49.7	27	1	1
Diabetes mellitus (250)						10	17.2	10		
Major cardiovascular diseases (390-448)	32	640.0	32			312	535.2	303	9	
Diseases of the heart (390-398, 402, 404-429)	26	520.0	26			236	404.8	229	7	
Rheumatic fever and rheumatic heart disease (390-398)						1	1.7		1	
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	16	320.0	16			164	281.3	159	5	
Other heart diseases (415-429)	10	200.0	10			71	121.8	70	1	
Hypertension with or without renal disease (401,403)						2	3.4	2		
Cerebrovascular disease (430-438)	3	60.0	3			55	94.3	53	2	
Arteriosclerosis (440)	1	20.0	1			9	15.4	9		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	40.0	2			10	17.2	10		
Pneumonia and influenza (480-487)	1	20.0	1			17	29.2	17		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	60.0	3			17	29.2	17		
Ulcer of stomach and duodenum (531-533)						3	5.1	3		
Chronic liver disease and cirrhosis (571)						6	10.3	5		1
Nephritis, nephrotic syndrome and nephrosis (580-589)						11	18.9	10	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						5	8.6	5		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						3	5.1	2	1	
All other diseases (Residual)	4	80.0	4			49	84.0	48	1	
Motor vehicle accidents (E810-E825)	3	60.0	3			10	17.2	9	1	
All other accidents and adverse effects (E800-E807, E826-E949)	3	60.0	3			15	25.7	15		
Suicide (E950-E959)	1	20.0	1			6	10.3	6		
Homicide and legal intervention (E960-E978)						2	3.4	2		
All other external causes (E980-E999)	1	20.0	1			1	1.7	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	GARVIN					GRADY				
POPULATION	28,400					42,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	353	1243.0	302	19	32	580	1371.2	527	25	28
Physician in hospital	349	98.9	300	18	31	575	99.1	522	25	28
Physician not in hospital										
Midwife, other, or unknown	4	1.1	2	1	1	5	.9	5		
Stillbirths	3	8.4	3			6	10.2	5		1
Physician in hospital	3	100.0	3			6	100.0	5		1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	412	1450.7	392	14	6	402	950.4	386	11	5
Deaths under 1 year	9	25.5	8	1		1	1.7	1		
Deaths under 1 month	6	17.0	6							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	3.5		1		6	14.2	6		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	78	274.6	75	3		85	200.9	82	3	
Malignant neoplasm of digestive organs and peritoneum (150-159)	18	63.4	16	2		23	54.4	22	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	28	98.6	28			30	70.9	29	1	
Malignant neoplasm of breast (174-175)	5	17.6	4	1		7	16.5	7		
Malignant neoplasm of genital organs (179-187)	5	17.6	5			6	14.2	6		
Malignant neoplasm of urinary organs (188-189)						2	4.7	2		
Leukemia (204-208)	7	24.6	7			4	9.5	3	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	15	52.8	15			13	30.7	13		
Diabetes mellitus (250)	4	14.1	4			6	14.2	6		
Major cardiovascular diseases (390-448)	218	767.6	207	6	5	203	479.9	195	6	2
Diseases of the heart (390-398, 402, 404-429)	161	566.9	154	4	3	150	354.6	145	4	1
Rheumatic fever and rheumatic heart disease (390-398)	1	3.5	1			2	4.7	2		
Hypertensive heart disease with or without renal disease (402,404)	1	3.5	1			3	7.1	3		
Ischemic heart disease (410-414)	115	404.9	110	2	3	101	238.8	99	2	
Other heart diseases (415-429)	44	154.9	42	2		44	104.0	41	2	1
Hypertension with or without renal disease (401,403)	1	3.5		1						
Cerebrovascular disease (430-438)	25	88.0	23		2	47	111.1	44	2	1
Arteriosclerosis (440)	28	98.6	27	1		4	9.5	4		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	10.6	3			2	4.7	2		
Pneumonia and influenza (480-487)	25	88.0	24	1		20	47.3	18		2
Chronic obstructive pulmonary disease and allied conditions (490-496)	16	56.3	15		1	20	47.3	19		1
Ulcer of stomach and duodenum (531-533)	1	3.5	1			1	2.4	1		
Chronic liver disease and cirrhosis (571)	2	7.0	2			1	2.4	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	7	24.6	7			5	11.8	5		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	5	17.6	5			1	2.4	1		
Certain conditions originating in the perinatal period (760-779)	3	10.6	3							
Symptoms, signs, and ill-defined conditions (780-799)	5	17.6	5			2	4.7	2		
All other diseases (Residual)	24	84.5	23	1		28	66.2	26	2	
Motor vehicle accidents (E810-E825)	6	21.1	6			8	18.9	8		
All other accidents and adverse effects (E800-E807, E826-E949)	11	38.7	10	1		8	18.9	8		
Suicide (E950-E959)	5	17.6	5			6	14.2	6		
Homicide and legal intervention (E960-E978)	1	3.5		1		2	4.7	2		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	GRANT					GREER				
POPULATION	6,000					6,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	59	983.3	57	1	1	76	1151.5	66	6	4
Physician in hospital	58	98.3	56	1	1	75	98.7	65	6	4
Physician not in hospital	1	1.7	1			1	1.3	1		
Midwife, other, or unknown										
Stillbirths						1	13.0	1		
Physician in hospital						1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	70	1166.7	70			117	1772.7	115	2	
Deaths under 1 year						2	26.3	1	1	
Deaths under 1 month						2	26.3	1	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	30.3	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	14	233.3	14			20	303.0	20		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	66.7	4			8	121.2	8		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	50.0	3			5	75.8	5		
Malignant neoplasm of breast (174-175)	1	16.7	1			1	15.2	1		
Malignant neoplasm of genital organs (179-187)	1	16.7	1			2	30.3	2		
Malignant neoplasm of urinary organs (188-189)						2	30.3	2		
Leukemia (204-208)	1	16.7	1			1	15.2	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	4	66.7	4			1	15.2	1		
Diabetes mellitus (250)	2	33.3	2			2	30.3	2		
Major cardiovascular diseases (390-448)	43	716.7	43			57	863.6	56	1	
Diseases of the heart (390-398, 402, 404-429)	34	566.7	34			42	636.4	42		
Rheumatic fever and rheumatic heart disease (390-398)						1	15.2	1		
Hypertensive heart disease with or without renal disease (402,404)	2	33.3	2							
Ischemic heart disease (410-414)	22	366.7	22			26	393.9	26		
Other heart diseases (415-429)	10	166.7	10			15	227.3	15		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	6	100.0	6			10	151.5	9	1	
Arteriosclerosis (440)						2	30.3	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	50.0	3			3	45.5	3		
Pneumonia and influenza (480-487)						2	30.3	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	50.0	3			1	15.2	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						2	30.3	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	33.3	2			8	121.2	8		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						2	30.3	1	1	
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	2	33.3	2			17	257.6	17		
Motor vehicle accidents (E810-E825)	2	33.3	2			1	15.2	1		
All other accidents and adverse effects (E800-E807, E826-E949)	2	33.3	2							
Suicide (E950-E959)						1	15.2	1		
Homicide and legal intervention (E960-E978)						2	30.3	2		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	HARMON					HARPER				
POPULATION	4,100					4,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	51	1243.9	44	5	2	43	977.3	42		1
Physician in hospital	51	100.0	44	5	2	43	100.0	42		1
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	60	1463.4	55	5		54	1227.3	54		
Deaths under 1 year	4	78.4	2	2						
Deaths under 1 month	2	39.2	2							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	24.4	1			1	22.7	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5	122.0	5			8	181.8	8		
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	24.4	1			1	22.7	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	48.8	2			4	90.9	4		
Malignant neoplasm of breast (174-175)						1	22.7	1		
Malignant neoplasm of genital organs (179-187)						1	22.7	1		
Malignant neoplasm of urinary organs (188-189)	1	24.4	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	1	24.4	1			1	22.7	1		
Diabetes mellitus (250)						1	22.7	1		
Major cardiovascular diseases (390-448)	39	951.2	36	3		32	727.3	32		
Diseases of the heart (390-398, 402, 404-429)	35	853.7	32	3		24	545.5	24		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	31	756.1	29	2		13	295.5	13		
Other heart diseases (415-429)	4	97.6	3	1		11	250.0	11		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	97.6	4			8	181.8	8		
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	2	48.8	2			1	22.7	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	73.2	3			1	22.7	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)						1	22.7	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	24.4	1							
Certain conditions originating in the perinatal period (760-779)	1	24.4	1							
Symptoms, signs, and ill-defined conditions (780-799)	2	48.8		2						
All other diseases (Residual)	4	97.6	4			2	45.5	2		
Motor vehicle accidents (E810-E825)	2	48.8	2			2	45.5	2		
All other accidents and adverse effects (E800-E807, E826-E949)						4	90.9	4		
Suicide (E950-E959)						1	22.7	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	HASKELL					HUGHES				
POPULATION	11,700					14,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	144	1230.8	115	1	28	143	986.2	79	6	58
Physician in hospital	142	98.6	114	1	27	142	99.3	78	6	58
Physician not in hospital	1	.7	1							
Midwife, other, or unknown	1	.7			1	1	.7	1		
Stillbirths	1	6.9	1			1	6.9			1
Physician in hospital	1	100.0	1			1	100.0			1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	178	1521.4	168		10	188	1296.6	162	2	24
Deaths under 1 year	2	13.9	2			2	14.0	2		
Deaths under 1 month	2	13.9	2							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	34.2	4			3	20.7	2		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	37	316.2	37			35	241.4	31		4
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	76.9	9			14	96.6	11		3
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	12	102.6	12			9	62.1	9		
Malignant neoplasm of breast (174-175)	3	25.6	3							
Malignant neoplasm of genital organs (179-187)	4	34.2	4			4	27.6	4		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	1	8.5	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	8	68.4	8			8	55.2	7		1
Diabetes mellitus (250)	5	42.7	4		1	10	69.0	6		4
Major cardiovascular diseases (390-448)	76	649.6	71		5	93	641.4	82	2	9
Diseases of the heart (390-398, 402, 404-429)	64	547.0	60		4	75	517.2	66	2	7
Rheumatic fever and rheumatic heart disease (390-398)						1	6.9	1		
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	43	367.5	40		3	53	365.5	46	2	5
Other heart diseases (415-429)	21	179.5	20		1	21	144.8	19		2
Hypertension with or without renal disease (401,403)						1	6.9	1		
Cerebrovascular disease (430-438)	7	59.8	7			11	75.9	10		1
Arteriosclerosis (440)	4	34.2	4			3	20.7	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	8.5			1	3	20.7	2		1
Pneumonia and influenza (480-487)	15	128.2	15			8	55.2	7		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	51.3	6			8	55.2	8		
Ulcer of stomach and duodenum (531-533)	1	8.5	1							
Chronic liver disease and cirrhosis (571)	2	17.1	1		1					
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	25.6	2		1	8	55.2	6		2
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	13.8	2		
Certain conditions originating in the perinatal period (760-779)	1	8.5	1							
Symptoms, signs, and ill-defined conditions (780-799)	3	25.6	3							
All other diseases (Residual)	11	94.0	10		1	13	89.7	12		1
Motor vehicle accidents (E810-E825)	3	25.6	3			1	6.9	1		
All other accidents and adverse effects (E800-E807, E826-E949)	6	51.3	6			6	41.4	4		2
Suicide (E950-E959)	2	17.1	2			1	6.9	1		
Homicide and legal intervention (E960-E978)	3	25.6	2		1					
All other external causes (E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	JACKSON					JEFFERSON				
POPULATION	29,600					7,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	614	2074.3	525	78	11	81	1094.6	74	3	4
Physician in hospital	613	99.8	525	77	11	80	98.8	73	3	4
Physician not in hospital	1	.2		1						
Midwife, other, or unknown						1	1.2	1		
Stillbirths	3	4.9	3							
Physician in hospital	3	100.0	3							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	250	844.6	223	26	1	114	1540.5	114		
Deaths under 1 year	3	4.9	3			1	12.3	1		
Deaths under 1 month	1	1.6	1			1	12.3	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	6.8	2							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	46	155.4	43	3		23	310.8	23		
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	37.2	11			8	108.1	8		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	13	43.9	11	2		7	94.6	7		
Malignant neoplasm of breast (174-175)	3	10.1	3			1	13.5	1		
Malignant neoplasm of genital organs (179-187)	7	23.6	6	1		2	27.0	2		
Malignant neoplasm of urinary organs (188-189)	1	3.4	1			1	13.5	1		
Leukemia (204-208)	1	3.4	1			1	13.5	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	10	33.8	10			3	40.5	3		
Diabetes mellitus (250)	1	3.4	1			1	13.5	1		
Major cardiovascular diseases (390-448)	126	425.7	111	15		64	864.9	64		
Diseases of the heart (390-398, 402, 404-429)	103	348.0	95	8		50	675.7	50		
Rheumatic fever and rheumatic heart disease (390-398)	1	3.4	1							
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	79	266.9	73	6		36	486.5	36		
Other heart diseases (415-429)	23	77.7	21	2		14	189.2	14		
Hypertension with or without renal disease (401,403)	1	3.4		1						
Cerebrovascular disease (430-438)	18	60.8	13	5		10	135.1	10		
Arteriosclerosis (440)	1	3.4	1			4	54.1	4		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	10.1	2	1						
Pneumonia and influenza (480-487)	12	40.5	10	2		4	54.1	4		
Chronic obstructive pulmonary disease and allied conditions (490-496)	11	37.2	10	1		4	54.1	4		
Ulcer of stomach and duodenum (531-533)	1	3.4	1							
Chronic liver disease and cirrhosis (571)	3	10.1	2	1		1	13.5	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	6.8	2			2	27.0	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	13.5	1		
Certain conditions originating in the perinatal period (760-779)	1	3.4	1							
Symptoms, signs, and ill-defined conditions (780-799)	6	20.3	5	1						
All other diseases (Residual)	25	84.5	22	2	1	10	135.1	10		
Motor vehicle accidents (E810-E825)	5	16.9	5			2	27.0	2		
All other accidents and adverse effects (E800-E807, E826-E949)	3	10.1	3			2	27.0	2		
Suicide (E950-E959)	3	10.1	3							
Homicide and legal intervention (E960-E978)	2	6.8	1	1						
All other external causes (E980-E999)	1	3.4	1							

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	JOHNSTON					KAY				
POPULATION	10,900					51,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	129	1183.5	93	2	34	655	1284.3	549	18	88
Physician in hospital	129	100.0	93	2	34	653	99.7	547	18	88
Physician not in hospital						1	.2	1		
Midwife, other, or unknown						1	.2	1		
Stillbirths	2	15.3	2			8	12.1	7		1
Physician in hospital	2	100.0	2			7	87.5	6		1
Physician not in hospital						1	12.5	1		
Midwife, other, or unknown										
Total deaths, all causes	110	1009.2	100	1	9	526	1031.4	485	15	26
Deaths under 1 year						2	3.1	2		
Deaths under 1 month										
Tuberculosis (010-018)						1	2.0	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	9.2	1			7	13.7	5	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	110.1	11		1	102	200.0	95	3	4
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	18.3	2			17	33.3	16		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	45.9	4		1	38	74.5	36	1	1
Malignant neoplasm of breast (174-175)	1	9.2	1			7	13.7	7		
Malignant neoplasm of genital organs (179-187)	1	9.2	1			13	25.5	11	1	1
Malignant neoplasm of urinary organs (188-189)						4	7.8	3	1	
Leukemia (204-208)						6	11.8	6		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	27.5	3			17	33.3	16		1
Diabetes mellitus (250)						13	25.5	12		1
Major cardiovascular diseases (390-448)	65	596.3	60		5	262	513.7	242	11	9
Diseases of the heart (390-398, 402, 404-429)	55	504.6	51		4	194	380.4	179	7	8
Rheumatic fever and rheumatic heart disease (390-398)	1	9.2	1							
Hypertensive heart disease with or without renal disease (402,404)	1	9.2			1	3	5.9	3		
Ischemic heart disease (410-414)	47	431.2	44		3	146	286.3	136	5	5
Other heart diseases (415-429)	6	55.0	6			45	88.2	40	2	3
Hypertension with or without renal disease (401,403)						1	2.0	1		
Cerebrovascular disease (430-438)	7	64.2	7			51	100.0	50	1	
Arteriosclerosis (440)	2	18.3	1		1	8	15.7	5	3	
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	9.2	1			8	15.7	7		1
Pneumonia and influenza (480-487)	4	36.7	4			21	41.2	21		
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	45.9	5			22	43.1	22		
Ulcer of stomach and duodenum (531-533)						4	7.8	4		
Chronic liver disease and cirrhosis (571)	1	9.2	1			5	9.8	4		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	18.3	2			8	15.7	7		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	9.2	1			2	3.9	2		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	9.2	1			2	3.9	2		
All other diseases (Residual)	8	73.4	6		2	45	88.2	43		2
Motor vehicle accidents (E810-E825)	3	27.5	2		1	10	19.6	7		3
All other accidents and adverse effects (E800-E807, E826-E949)	5	45.9	5			13	25.5	11		2
Suicide (E950-E959)	1	9.2	1			6	11.8	6		
Homicide and legal intervention (E960-E978)						2	3.9	1		1
All other external causes (E980-E999)	1	9.2		1		1	2.0			1

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	KINGFISHER					KIOWA				
POPULATION	14,600					12,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	186	1274.0	179	4	3	166	1371.9	128	16	22
Physician in hospital	186	100.0	179	4	3	165	99.4	128	16	21
Physician not in hospital										
Midwife, other, or unknown						1	.6			1
Stillbirths	1	5.3	1			2	11.9	2		
Physician in hospital	1	100.0	1			2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	136	931.5	129	6	1	184	1520.7	170	9	5
Deaths under 1 year						3	18.1	3		
Deaths under 1 month						2	12.0	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	13.7	1		1	5	41.3	5		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	27	184.9	26	1		48	396.7	43	4	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	41.1	6			10	82.6	8	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	15	102.7	15			15	124.0	13	2	
Malignant neoplasm of breast (174-175)	1	6.8		1		4	33.1	4		
Malignant neoplasm of genital organs (179-187)	4	27.4	4			5	41.3	4	1	
Malignant neoplasm of urinary organs (188-189)						3	24.8	3		
Leukemia (204-208)	1	6.8	1							
Other malignant neoplasms (140-149, 170-173, 190-203)						11	90.9	11		
Diabetes mellitus (250)	1	6.8	1			5	41.3	5		
Major cardiovascular diseases (390-448)	73	500.0	69	4		73	603.3	70	2	1
Diseases of the heart (390-398, 402, 404-429)	61	417.8	57	4		64	528.9	63	1	
Rheumatic fever and rheumatic heart disease (390-398)	1	6.8	1							
Hypertensive heart disease with or without renal disease (402,404)						1	8.3	1		
Ischemic heart disease (410-414)	46	315.1	43	3		46	380.2	45	1	
Other heart diseases (415-429)	14	95.9	13	1		17	140.5	17		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	10	68.5	10			6	49.6	4	1	1
Arteriosclerosis (440)	1	6.8	1			1	8.3	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	6.8	1			2	16.5	2		
Pneumonia and influenza (480-487)	6	41.1	6			13	107.4	11		2
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	61.6	8	1		7	57.9	7		
Ulcer of stomach and duodenum (531-533)	1	6.8	1			1	8.3	1		
Chronic liver disease and cirrhosis (571)	3	20.5	3							
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	13.7	2			2	16.5	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						3	24.8	3		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	6.8	1			3	24.8	2		1
All other diseases (Residual)	6	41.1	6			14	115.7	13	1	
Motor vehicle accidents (E810-E825)	3	20.5	3			1	8.3	1		
All other accidents and adverse effects (E800-E807, E826-E949)	1	6.8	1			2	16.5	2		
Suicide (E950-E959)	1	6.8	1			6	49.6	5	1	
Homicide and legal intervention (E960-E978)						1	8.3		1	
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	LATIMER					LEFLORE				
POPULATION	10,900					46,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	126	1156.0	100	2	24	604	1304.5	491	17	96
Physician in hospital	125	99.2	99	2	24	600	99.3	490	17	93
Physician not in hospital						1	.2	1		
Midwife, other, or unknown	1	.8	1			3	.5			3
Stillbirths						2	3.3	2		
Physician in hospital						2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	118	1082.6	110	4	4	496	1071.3	470	5	21
Deaths under 1 year	1	7.9	1			6	9.9	6		
Deaths under 1 month						2	3.3	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						6	13.0	3		3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	19	174.3	18	1		117	252.7	113	1	3
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	36.7	4			29	62.6	28		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	55.0	5	1		37	79.9	37		
Malignant neoplasm of breast (174-175)						7	15.1	7		
Malignant neoplasm of genital organs (179-187)	3	27.5	3			12	25.9	11		1
Malignant neoplasm of urinary organs (188-189)						4	8.6	4		
Leukemia (204-208)						2	4.3	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	6	55.0	6			26	56.2	24	1	1
Diabetes mellitus (250)	4	36.7	4			3	6.5	3		
Major cardiovascular diseases (390-448)	56	513.8	52	1	3	226	488.1	215	3	8
Diseases of the heart (390-398, 402, 404-429)	45	412.8	42	1	2	178	384.4	170	2	6
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	9.2	1							
Ischemic heart disease (410-414)	29	266.1	27		2	138	298.1	131	2	5
Other heart diseases (415-429)	15	137.6	14	1		40	86.4	39		1
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	9	82.6	8		1	31	67.0	30		1
Arteriosclerosis (440)	2	18.3	2			15	32.4	14	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)						2	4.3	1		1
Pneumonia and influenza (480-487)	1	9.2		1		29	62.6	28		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	73.4	8			18	38.9	18		
Ulcer of stomach and duodenum (531-533)						2	4.3	2		
Chronic liver disease and cirrhosis (571)						4	8.6	4		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	18.3	2			2	4.3	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	2.2	1		
Congenital anomalies (740-759)						1	2.2	1		
Certain conditions originating in the perinatal period (760-779)						1	2.2	1		
Symptoms, signs, and ill-defined conditions (780-799)	2	18.3	2			5	10.8	4		1
All other diseases (Residual)	13	119.3	12	1		41	88.6	37	1	3
Motor vehicle accidents (E810-E825)	8	73.4	8			15	32.4	13		2
All other accidents and adverse effects (E800-E807, E826-E949)	3	27.5	2		1	16	34.6	16		
Suicide (E950-E959)	2	18.3	2			6	13.0	6		
Homicide and legal intervention (E960-E978)						2	4.3	2		
All other external causes (E980-E999)						1	2.2	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	LINCOLN					LOGAN				
POPULATION	29,400					29,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	360	1224.5	306	14	40	363	1222.2	314	39	10
Physician in hospital	354	98.3	301	14	39	347	95.6	298	39	10
Physician not in hospital						1	.3	1		
Midwife, other, or unknown	6	1.7	5		1	15	4.1	15		
Stillbirths	3	8.3	2	1		3	8.2	2		1
Physician in hospital	2	66.7	1	1		3	100.0	2		1
Physician not in hospital	1	33.3	1							
Midwife, other, or unknown										
Total deaths, all causes	310	1054.4	289	16	5	311	1047.1	276	35	
Deaths under 1 year	4	11.1	4			3	8.3	3		
Deaths under 1 month	2	5.6	2			2	5.5	2		
Tuberculosis (010-018)						1	3.4		1	
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	20.4	6			7	23.6	7		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	61	207.5	56	5		63	212.1	55	8	
Malignant neoplasm of digestive organs and peritoneum (150-159)	10	34.0	10			11	37.0	10	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	20	68.0	19	1		20	67.3	19	1	
Malignant neoplasm of breast (174-175)	7	23.8	6	1		3	10.1	2	1	
Malignant neoplasm of genital organs (179-187)	11	37.4	8	3		9	30.3	7	2	
Malignant neoplasm of urinary organs (188-189)	1	3.4	1			4	13.5	3	1	
Leukemia (204-208)	1	3.4	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	11	37.4	11			16	53.9	14	2	
Diabetes mellitus (250)	3	10.2	3			1	3.4	1		
Major cardiovascular diseases (390-448)	165	561.2	155	7	3	164	552.2	146	18	
Diseases of the heart (390-398, 402, 404-429)	132	449.0	125	4	3	130	437.7	117	13	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	104	353.7	99	3	2	109	367.0	99	10	
Other heart diseases (415-429)	28	95.2	26	1	1	21	70.7	18	3	
Hypertension with or without renal disease (401,403)	2	6.8	1	1		1	3.4		1	
Cerebrovascular disease (430-438)	26	88.4	24	2		29	97.6	25	4	
Arteriosclerosis (440)	2	6.8	2			2	6.7	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	10.2	3			2	6.7	2		
Pneumonia and influenza (480-487)	17	57.8	14	3		14	47.1	13	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	20.4	5	1		12	40.4	12		
Ulcer of stomach and duodenum (531-533)						2	6.7	2		
Chronic liver disease and cirrhosis (571)	1	3.4	1			1	3.4		1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	10.2	2		1	2	6.7	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	3.4		1	
Congenital anomalies (740-759)	2	6.8	2			1	3.4	1		
Certain conditions originating in the perinatal period (760-779)	1	3.4	1							
Symptoms, signs, and ill-defined conditions (780-799)	1	3.4	1							
All other diseases (Residual)	21	71.4	20		1	21	70.7	17	4	
Motor vehicle accidents (E810-E825)	8	27.2	8			5	16.8	5		
All other accidents and adverse effects (E800-E807, E826-E949)	9	30.6	9			10	33.7	9	1	
Suicide (E950-E959)	4	13.6	4			6	20.2	6		
Homicide and legal intervention (E960-E978)	2	6.8	2							
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	LOVE 8,100					MCCLAIN 24,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	112	1382.7	103	2	7	303	1257.3	287	4	12
Physician in hospital	112	100.0	103	2	7	299	98.7	264	4	11
Physician not in hospital										
Midwife, other, or unknown						4	1.3	3		1
Stillbirths						4	13.0	3	1	
Physician in hospital						3	75.0	2	1	
Physician not in hospital						1	25.0	1		
Midwife, other, or unknown										
Total deaths, all causes	76	938.3	67	6	3	209	867.2	200	5	4
Deaths under 1 year	1	8.9	1			2	6.6	2		
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	37.0	3			2	8.3	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	10	123.5	7	2	1	49	203.3	48	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	61.7	2	2	1	13	53.9	13		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	24.7	2			11	45.6	10	1	
Malignant neoplasm of breast (174-175)	2	24.7	2			7	29.0	7		
Malignant neoplasm of genital organs (179-187)						1	4.1	1		
Malignant neoplasm of urinary organs (188-189)						5	20.7	5		
Leukemia (204-208)						4	16.6	4		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	12.3	1			8	33.2	8		
Diabetes mellitus (250)	2	24.7	1	1		2	8.3	1		1
Major cardiovascular diseases (390-448)	41	506.2	38	2	1	96	398.3	90	4	2
Diseases of the heart (390-398, 402, 404-429)	34	419.8	31	2	1	79	327.8	73	4	2
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	12.3	1			1	4.1	1		
Ischemic heart disease (410-414)	29	358.0	27	1	1	52	215.8	49	2	1
Other heart diseases (415-429)	4	49.4	3	1		26	107.9	23	2	1
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	49.4	4			13	53.9	13		
Arteriosclerosis (440)	3	37.0	3							
Other diseases of arterioes, arterioles, and capillaries (441-448)						4	16.6	4		
Pneumonia and influenza (480-487)	2	24.7	2			12	49.8	11		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	49.4	4			4	16.6	4		
Ulcer of stomach and duodenum (531-533)	1	12.3	1							
Chronic liver disease and cirrhosis (571)						1	4.1	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	12.3	1			3	12.4	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	12.3	1							
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						3	12.4	3		
All other diseases (Residual)	4	49.4	3		1	14	58.1	14		
Motor vehicle accidents (E810-E825)						11	45.6	11		
All other accidents and adverse effects (E800-E807, E826-E949)	4	49.4	3	1		4	16.6	4		
Suicide (E950-E959)	3	37.0	3			4	16.6	4		
Homicide and legal intervention (E960-E978)						3	12.4	3		
All other external causes (E980-E999)						1	4.1	1		

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	MCCURTAIN 36,600					MCINTOSH 17,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	580	1584.7	362	83	135	171	988.4	110	4	57
Physician in hospital	576	99.3	360	83	133	156	91.2	108	4	44
Physician not in hospital	1	.2	1							
Midwife, other, or unknown	3	.5	1		2	15	8.8	2		13
Stillbirths	4	6.8	1		3	1	5.8	1		
Physician in hospital	4	100.0	1		3	1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	341	931.7	267	47	27	223	1289.0	177	23	23
Deaths under 1 year	5	8.6	4	1		2	11.7	1		1
Deaths under 1 month	2	3.4	2			2	11.7	1		1
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	7	19.1	6		1	6	34.7	5	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	73	199.5	57	12	4	52	300.6	40	6	6
Malignant neoplasm of digestive organs and peritoneum (150-159)	16	43.7	10	4	2	12	69.4	9	1	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	28	76.5	22	6		10	57.8	9	1	
Malignant neoplasm of breast (174-175)	4	10.9	4			7	40.5	6	1	
Malignant neoplasm of genital organs (179-187)	8	21.9	6	2		3	17.3	1	1	1
Malignant neoplasm of urinary organs (188-189)	2	5.5	1		1	5	28.9	3		2
Leukemia (204-208)	2	5.5	2							
Other malignant neoplasms (140-149, 170-173, 190-203)	13	35.5	12		1	15	86.7	12	2	1
Diabetes mellitus (250)	8	21.9	7	1		3	17.3	2	1	
Major cardiovascular diseases (390-448)	158	431.7	124	22	12	96	554.9	78	11	7
Diseases of the heart (390-398, 402, 404-429)	130	355.2	103	17	10	86	497.1	71	10	5
Rheumatic fever and rheumatic heart disease (390-398)						1	5.8	1		
Hypertensive heart disease with or without renal disease (402,404)	3	8.2	2		1	1	5.8		1	
Ischemic heart disease (410-414)	89	243.2	72	13	4	51	294.8	42	6	3
Other heart diseases (415-429)	38	103.8	29	4	5	33	190.8	28	3	2
Hypertension with or without renal disease (401,403)	3	8.2	2	1		1	5.8	1		
Cerebrovascular disease (430-438)	22	60.1	17	4	1	6	34.7	4	1	1
Arteriosclerosis (440)	2	5.5	1		1	1	5.8	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	2.7	1			2	11.6	1		1
Pneumonia and influenza (480-487)	10	27.3	9	1		10	57.8	10		
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	16.4	6			8	46.2	7		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	3	8.2	2		1	3	17.3	1	1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	16.4	6			5	28.9	4	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	3	8.2	2	1						
Certain conditions originating in the perinatal period (760-779)						1	5.8	1		
Symptoms, signs, and ill-defined conditions (780-799)	2	5.5	1		1	1	5.8			1
All other diseases (Residual)	29	79.2	20	7	2	27	156.1	22	2	3
Motor vehicle accidents (E810-E825)	15	41.0	11		4	2	11.6			2
All other accidents and adverse effects (E800-E807, E826-E949)	10	27.3	9	1		5	28.9	4		1
Suicide (E950-E959)	5	13.7	5			2	11.6	2		
Homicide and legal intervention (E960-E978)	6	16.4	2	2	2	1	5.8			1
All other external causes (E980-E999)						1	5.8	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	MAJOR					MARSHALL				
POPULATION	8,800					11,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	110	1250.0	109		1	117	991.5	87		30
Physician in hospital	109	99.1	108		1	117	100.0	87		30
Physician not in hospital										
Midwife, other, or unknown	1	.9	1							
Stillbirths	1	9.0	1							
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	83	943.2	83			140	1186.4	134	4	2
Deaths under 1 year						2	17.1	2		
Deaths under 1 month										
Tuberculosis (010-018)						1	8.5	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	22.7	2			2	16.9	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	147.7	13			33	279.7	31	2	
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	22.7	2			5	42.4	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	56.8	5			17	144.1	16	1	
Malignant neoplasm of breast (174-175)	1	11.4	1			1	8.5		1	
Malignant neoplasm of genital organs (179-187)						4	33.9	4		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	4	45.5	4							
Other malignant neoplasms (140-149, 170-173, 190-203)	1	11.4	1			6	50.8	6		
Diabetes mellitus (250)	1	11.4	1			4	33.9	4		
Major cardiovascular diseases (390-448)	45	511.4	45			64	542.4	61	1	2
Diseases of the heart (390-398, 402, 404-429)	34	386.4	34			51	432.2	48	1	2
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	20	227.3	20			35	296.6	32	1	2
Other heart diseases (415-429)	14	159.1	14			16	135.6	16		
Hypertension with or without renal disease (401,403)						1	8.5	1		
Cerebrovascular disease (430-438)	8	90.9	8			8	67.8	8		
Arteriosclerosis (440)	2	22.7	2			3	25.4	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	11.4	1			1	8.5	1		
Pneumonia and influenza (480-487)	5	56.8	5			5	42.4	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	22.7	2			6	50.8	6		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	11.4	1			1	8.5	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	22.7	2			2	16.9	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						1	8.5	1		
Symptoms, signs, and ill-defined conditions (780-799)						1	8.5	1		
All other diseases (Residual)	8	90.9	8			9	76.3	8	1	
Motor vehicle accidents (E810-E825)						4	33.9	4		
All other accidents and adverse effects (E800-E807, E826-E949)	3	34.1	3			5	42.4	5		
Suicide (E950-E959)	1	11.4	1			1	8.5	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)						1	8.5	1		

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	MAYES					MURRAY				
POPULATION	34,900					12,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	507	1452.7	276	2	229	136	1088.0	104	8	24
Physician in hospital	477	94.1	274	2	201	136	100.0	104	8	24
Physician not in hospital										
Midwife, other, or unknown	30	5.9	2		28					
Stillbirths	2	3.9	1		1	3	21.6	2	1	
Physician in hospital	1	50.0			1	2	66.7	1	1	
Physician not in hospital	1	50.0	1			1	33.3	1		
Midwife, other, or unknown										
Total deaths, all causes	341	977.1	312		29	181	1448.0	168	2	11
Deaths under 1 year	4	7.9	4			2	14.7	1		1
Deaths under 1 month	3	5.9	3							
Tuberculosis (010-018)	1	2.9	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	8.6	3							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	88	252.1	86		2	32	256.0	32		
Malignant neoplasm of digestive organs and peritoneum (150-159)	20	57.3	20			5	40.0	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	31	88.8	30		1	13	104.0	13		
Malignant neoplasm of breast (174-175)	5	14.3	5			3	24.0	3		
Malignant neoplasm of genital organs (179-187)	8	22.9	7		1	2	16.0	2		
Malignant neoplasm of urinary organs (188-189)	4	11.5	4			2	16.0	2		
Leukemia (204-208)	2	5.7	2			2	16.0	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	18	51.6	18			5	40.0	5		
Diabetes mellitus (250)	7	20.1	6		1	2	16.0	2		
Major cardiovascular diseases (390-448)	156	447.0	140		16	86	688.0	81	1	4
Diseases of the heart (390-398, 402, 404-429)	119	341.0	107		12	69	552.0	64	1	4
Rheumatic fever and rheumatic heart disease (390-398)	1	2.9	1							
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	91	260.7	85		6	49	392.0	45	1	3
Other heart diseases (415-429)	27	77.4	21		6	20	160.0	19		1
Hypertension with or without renal disease (401,403)	1	2.9	1							
Cerebrovascular disease (430-438)	32	91.7	29		3	11	88.0	11		
Arteriosclerosis (440)	1	2.9	1			3	24.0	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	8.6	2		1	3	24.0	3		
Pneumonia and influenza (480-487)	11	31.5	11			9	72.0	7		2
Chronic obstructive pulmonary disease and allied conditions (490-496)	7	20.1	7			7	56.0	7		
Ulcer of stomach and duodenum (531-533)	1	2.9	1							
Chronic liver disease and cirrhosis (571)	1	2.9	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	14.3	4		1	9	72.0	8	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	4	11.5	4			2	16.0	2		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						2	16.0	1		1
All other diseases (Residual)	31	88.8	29		2	16	128.0	14		2
Motor vehicle accidents (E810-E825)	7	20.1	4		3	6	48.0	5		1
All other accidents and adverse effects (E800-E807, E826-E949)	12	34.4	8		4	8	64.0	7		1
Suicide (E950-E959)	4	11.5	4			2	16.0	2		
Homicide and legal intervention (E960-E978)	3	8.6	3							
All other external causes (E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	MUSKOGEE 69,200					NOBLE 11,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	1,018	1471.1	630	191	197	163	1429.8	138	1	24
Physician in hospital	976	95.9	621	190	165	162	99.4	137	1	24
Physician not in hospital	3	.3	2	1		1	.6	1		
Midwife, other, or unknown	39	3.8	7		32					
Stillbirths	14	13.6	5	7	2	1	6.1	1		
Physician in hospital	12	85.7	5	6	1	1	100.0	1		
Physician not in hospital	1	7.1		1						
Midwife, other, or unknown	1	7.1			1					
Total deaths, all causes	768	1109.8	633	117	18	133	1166.7	118	5	10
Deaths under 1 year	13	12.8	6	6	1					
Deaths under 1 month	8	7.9	3	4	1					
Tuberculosis (010-018)	1	1.4	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	13	18.8	11	1	1	2	17.5	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	184	265.9	154	27	3	24	210.5	21		3
Malignant neoplasm of digestive organs and peritoneum (150-159)	39	56.4	31	7	1	7	61.4	6		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	60	86.7	47	13		6	52.6	6		
Malignant neoplasm of breast (174-175)	10	14.5	9	1		1	8.8			1
Malignant neoplasm of genital organs (179-187)	21	30.3	18	3		3	26.3	3		
Malignant neoplasm of urinary organs (188-189)	10	14.5	10							
Leukemia (204-208)	6	8.7	5	1		1	8.8	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	38	54.9	34	2	2	6	52.6	5		1
Diabetes mellitus (250)	14	20.2	12	1	1					
Major cardiovascular diseases (390-448)	361	521.7	291	66	4	77	675.4	68	4	5
Diseases of the heart (390-398, 402, 404-429)	304	439.3	250	50	4	52	456.1	44	4	4
Rheumatic fever and rheumatic heart disease (390-398)	1	1.4	1							
Hypertensive heart disease with or without renal disease (402,404)	8	11.6	6	1	1					
Ischemic heart disease (410-414)	206	297.7	165	39	2	31	271.9	24	3	4
Other heart diseases (415-429)	89	128.6	78	10	1	21	184.2	20	1	
Hypertension with or without renal disease (401,403)	5	7.2	4	1						
Cerebrovascular disease (430-438)	39	56.4	27	12		18	157.9	17		1
Arteriosclerosis (440)	6	8.7	3	3		2	17.5	2		
Other diseases of arteries, arterioles, and capillaries (441-448)	7	10.1	7			5	43.9	5		
Pneumonia and influenza (480-487)	38	54.9	32	2	4	3	26.3	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	23	33.2	21	2		6	52.6	6		
Ulcer of stomach and duodenum (531-533)	1	1.4	1							
Chronic liver disease and cirrhosis (571)	9	13.0	9			1	8.8	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	12	17.3	7	5		1	8.8	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	2.9		1	1	1	8.8	1		
Certain conditions originating in the perinatal period (760-779)	6	8.7	3	3						
Symptoms, signs, and ill-defined conditions (780-799)	3	4.3	3							
All other diseases (Residual)	63	91.0	53	7	3	6	52.6	5		1
Motor vehicle accidents (E810-E825)	13	18.8	11	1	1	2	17.5	2		
All other accidents and adverse effects (E800-E807, E826-E949)	16	23.1	16			4	35.1	4		
Suicide (E950-E959)	4	5.8	4			6	52.6	4	1	1
Homicide and legal intervention (E960-E978)	5	7.2	4	1						
All other external causes (E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	NOWATA					OKFUSKEE				
POPULATION	10,500					11,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births....................................	110	1047.6	84	4	22	142	1256.6	83	16	43
Physician in hospital..........................	106	96.4	84	4	18	135	95.1	78	16	41
Physician not in hospital......................										
Midwife, other, or unknown.....................	4	3.6			4	7	4.9	5		2
Stillbirths....................................	1	9.0	1			1	7.0		1	
Physician in hospital..........................	1	100.0	1			1	100.0		1	
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes.......................	134	1276.2	129	4	1	163	1442.5	123	14	26
Deaths under 1 year............................						2	14.1	1		1
Deaths under 1 month...........................						1	7.0			1
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	9.5	1			4	35.4	2		2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	30	285.7	28	2		26	230.1	19	3	4
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	9	85.7	8	1		7	61.9	5	1	1
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	7	66.7	6	1		8	70.8	6	2	
Malignant neoplasm of breast ....(174-175)	3	28.6	3			1	8.8	1		
Malignant neoplasm of genital organs ....(179-187)	2	19.0	2			1	8.8	1		
Malignant neoplasm of urinary organs .(188-189)	2	19.0	2			2	17.7	2		
Leukemia ....(204-208)						2	17.7	1		1
Other malignant neoplasms ....(140-149, 170-173, 190-203)	7	66.7	7			5	44.2	3		2
Diabetes mellitus ....(250)	1	9.5	1							
Major cardiovascular diseases ....(390-448)	64	609.5	61	2	1	96	849.6	75	9	12
Diseases of the heart ....(390-398, 402, 404-429)	56	533.3	53	2	1	83	734.5	67	4	12
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	1	9.5	1							
Ischemic heart disease ....(410-414)	27	257.1	25	1	1	68	601.8	53	4	11
Other heart diseases ....(415-429)	28	266.7	27	1		15	132.7	14		1
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	6	57.1	6			11	97.3	6	5	
Arteriosclerosis ....(440)	1	9.5	1			1	8.8	1		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	9.5	1			1	8.8	1		
Pneumonia and influenza ....(480-487)	5	47.6	5			2	17.7	2		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	5	47.6	5			6	53.1	5		1
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)						2	17.7			2
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	9.5	1			2	17.7	1		1
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)						2	17.7	1		1
Symptoms, signs, and ill-defined conditions ....(780-799)	2	19.0	2			2	17.7	1		1
All other diseases ....(Residual)	10	95.2	10			12	106.2	10	1	1
Motor vehicle accidents ....(E810-E825)	4	38.1	4			1	8.8	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	9	85.7	9			5	44.2	3	1	1
Suicide ....(E950-E959)	2	19.0	2			2	17.7	2		
Homicide and legal intervention ....(E960-E978)						1	8.8	1		
All other external causes ....(E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	OKLAHOMA 613,600					OKMULGEE 38,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	10,146	1653.5	7,684	2,059	403	533	1370.2	346	87	100
Physician in hospital	9,956	98.1	7,518	2,040	398	523	98.1	339	87	97
Physician not in hospital	8	.1	7		1					
Midwife, other, or unknown	182	1.8	159	19	4	10	1.9	7		3
Stillbirths	76	7.4	57	18	1	6	11.1	6		
Physician in hospital	72	94.7	54	17	1	6	100.0	6		
Physician not in hospital	4	5.3	3	1						
Midwife, other, or unknown										
Total deaths, all causes	5,227	851.9	4,564	599	64	438	1126.0	354	68	16
Deaths under 1 year	106	10.4	75	27	4	4	7.5	4		
Deaths under 1 month	71	7.0	52	17	2	1	1.9	1		
Tuberculosis (010-018)	5	.8	5			1	2.6	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	110	17.9	92	17	1	7	18.0	7		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,163	189.5	1,018	132	13	82	210.8	68	13	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	226	36.8	190	33	3	16	41.1	12	4	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	388	63.2	343	43	2	27	69.4	24	3	
Malignant neoplasm of breast (174-175)	88	14.3	81	6	1	8	20.6	7	1	
Malignant neoplasm of genital organs (179-187)	141	23.0	126	14	1	8	20.6	7	1	
Malignant neoplasm of urinary organs (188-189)	39	6.4	35	4		2	5.1	1	1	
Leukemia (204-208)	36	5.9	33	3		4	10.3	2	1	1
Other malignant neoplasms (140-149, 170-173, 190-203)	245	39.9	210	29	6	17	43.7	15	2	
Diabetes mellitus (250)	106	17.3	87	17	2	6	15.4	3	1	2
Major cardiovascular diseases (390-448)	2,288	372.9	2,021	247	20	217	557.8	175	34	8
Diseases of the heart (390-398, 402, 404-429)	1,681	274.0	1,481	189	11	174	447.3	141	25	8
Rheumatic fever and rheumatic heart disease (390-398)	13	2.1	11	2						
Hypertensive heart disease with or without renal disease (402,404)	32	5.2	19	13						
Ischemic heart disease (410-414)	1,044	170.1	926	111	7	139	357.3	118	16	5
Other heart diseases (415-429)	591	96.3	524	63	4	35	90.0	23	9	3
Hypertension with or without renal disease (401,403)	17	2.8	12	4	1	3	7.7	3		
Cerebrovascular disease (430-438)	430	70.1	381	43	6	34	87.4	26	8	
Arteriosclerosis (440)	101	16.5	92	7	2	4	10.3	3	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	59	9.6	55	4		2	5.1	2		
Pneumonia and influenza (480-487)	160	26.1	144	12	4	18	46.3	18		
Chronic obstructive pulmonary disease and allied conditions (490-496)	254	41.4	238	15	1	19	48.8	16	2	1
Ulcer of stomach and duodenum (531-533)	15	2.4	13	2		4	10.3	3	1	
Chronic liver disease and cirrhosis (571)	59	9.6	47	9	3	6	15.4	4	2	
Nephritis, nephrotic syndrome and nephrosis (580-589)	68	11.1	54	14		5	12.9	4		1
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	.2		1						
Congenital anomalies (740-759)	32	5.2	22	8	2	1	2.6	1		
Certain conditions originating in the perinatal period (760-779)	46	7.5	33	12	1	1	2.6	1		
Symptoms, signs, and ill-defined conditions (780-799)	45	7.3	35	9	1	3	7.7	2	1	
All other diseases (Residual)	473	77.1	420	46	7	44	113.1	33	8	3
Motor vehicle accidents (E810-E825)	115	18.7	99	13	3	6	15.4	6		
All other accidents and adverse effects (E800-E807, E826-E949)	106	17.3	96	7	3	8	20.6	5	3	
Suicide (E950-E959)	93	15.2	89	3	1	5	12.9	4	1	
Homicide and legal intervention (E960-E978)	83	13.5	48	33	2	5	12.9	3	2	
All other external causes (E980-E999)	6	1.0	4	2						

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	OSAGE 39,500					OTTAWA 32,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	488	1235.4	339	37	112	448	1365.9	320	1	127
Physician in hospital	482	98.8	337	37	108	435	97.1	317	1	117
Physician not in hospital						1	.2			1
Midwife, other, or unknown	6	1.2	2		4	12	2.7	3		9
Stillbirths	3	6.1	2		1	3	6.7	3		
Physician in hospital	2	66.7	1		1	2	66.7	2		
Physician not in hospital	1	33.3	1							
Midwife, other, or unknown						1	33.3	1		
Total deaths, all causes	328	830.4	286	6	36	349	1064.0	319		30
Deaths under 1 year	1	2.0			1	1	2.2	1		
Deaths under 1 month	1	2.0			1	1	2.2	1		
Tuberculosis (010-018)						1	3.0	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	5	12.7	5			4	12.2	4		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	79	200.0	69	1	9	94	286.6	87		7
Malignant neoplasm of digestive organs and peritoneum (150-159)	19	48.1	18		1	28	85.4	26		2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	25	63.3	21		4	29	88.4	25		4
Malignant neoplasm of breast (174-175)	1	2.5	1			8	24.4	8		
Malignant neoplasm of genital organs (179-187)	12	30.4	9	1	2	6	18.3	6		
Malignant neoplasm of urinary organs (188-189)	4	10.1	4			5	15.2	5		
Leukemia (204-208)	2	5.1	1		1	2	6.1	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	16	40.5	15		1	16	48.8	15		1
Diabetes mellitus (250)	3	7.6	3			7	21.3	6		1
Major cardiovascular diseases (390-448)	157	397.5	137	4	16	160	487.8	145		15
Diseases of the heart (390-398, 402, 404-429)	129	326.6	113	4	12	112	341.5	103		9
Rheumatic fever and rheumatic heart disease (390-398)						1	3.0	1		
Hypertensive heart disease with or without renal disease (402,404)	1	2.5	1			3	9.1	3		
Ischemic heart disease (410-414)	93	235.4	80	3	10	70	213.4	66		4
Other heart diseases (415-429)	35	68.6	32	1	2	38	115.9	33		5
Hypertension with or without renal disease (401,403)	1	2.5	1							
Cerebrovascular disease (430-438)	20	50.6	17		3	42	128.0	36		6
Arteriosclerosis (440)	5	12.7	4		1	3	9.1	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	5.1	2			3	9.1	3		
Pneumonia and influenza (480-487)	15	38.0	13		2	7	21.3	7		
Chronic obstructive pulmonary disease and allied conditions (490-496)	18	45.6	17		1	17	51.8	13		4
Ulcer of stomach and duodenum (531-533)						1	3.0	1		
Chronic liver disease and cirrhosis (571)	6	15.2	4		2	1	3.0	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	15.2	5		1	4	12.2	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	2.5			1	1	3.0	1		
Symptoms, signs, and ill-defined conditions (780-799)	2	5.1	2			3	9.1	3		
All other diseases (Residual)	17	43.0	16		1	22	67.1	22		
Motor vehicle accidents (E810-E825)	6	15.2	3		3	13	39.6	11		2
All other accidents and adverse effects (E800-E807, E826-E949)	8	20.3	8			7	21.3	6		1
Suicide (E950-E959)	2	5.1	2			3	9.1	3		
Homicide and legal intervention (E960-E978)	1	2.5		1		4	12.2	4		
All other external causes (E980-E999)	2	5.1	2							

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	PAWNEE 16,500					PAYNE 63,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births....................................	212	1284.8	179	1	32	756	1188.7	683	32	41
Physician in hospital...........................	211	99.5	179	1	31	744	98.4	671	32	41
Physician not in hospital.......................										
Midwife, other, or unknown......................	1	.5			1	12	1.6	12		
Stillbirths....................................	3	14.0	3			3	4.0	3		
Physician in hospital...........................	3	100.0	3			3	100.0	3		
Physician not in hospital.......................										
Midwife, other, or unknown......................										
Total deaths, all causes........................	191	1157.6	177	3	11	458	720.1	438	14	6
Deaths under 1 year.............................	2	9.4	2			2	2.6	1		1
Deaths under 1 month............................	1	4.7	1			1	1.3			1
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	3	18.2	3			3	4.7	3		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	45	272.7	44		1	110	173.0	106	4	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	7	42.4	7			27	42.5	25	2	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	19	115.2	19			26	40.9	26		
Malignant neoplasm of breast ....(174-175)	5	30.3	5			9	14.2	9		
Malignant neoplasm of genital organs ....(179-187)	2	12.1	2			16	25.2	15	1	
Malignant neoplasm of urinary organs .(188-189)	4	24.2	3		1	7	11.0	7		
Leukemia ....(204-208)	2	12.1	2			7	11.0	7		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	6	36.4	6			18	28.3	17	1	
Diabetes mellitus ....(250)	4	24.2	2		2	9	14.2	9		
Major cardiovascular diseases ....(390-448)	95	575.8	87	2	6	216	339.6	207	6	3
Diseases of the heart ....(390-398, 402, 404-429)	76	460.6	71	1	4	173	272.0	166	4	3
Rheumatic fever and rheumatic heart disease ....(390-398)						1	1.6	1		
Hypertensive heart disease with or without renal disease ....(402,404)	2	12.1	2			3	4.7	3		
Ischemic heart disease ....(410-414)	44	266.7	43		1	129	202.8	125	2	2
Other heart diseases ....(415-429)	30	181.8	26	1	3	40	62.9	37	2	1
Hypertension with or without renal disease ....(401,403)						1	1.6	1		
Cerebrovascular disease ....(430-438)	13	78.8	11		2	31	48.7	31		
Arteriosclerosis ....(440)	5	30.3	4	1		6	9.4	4	2	
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	6.1	1			5	7.9	5		
Pneumonia and influenza ....(480-487)	6	36.4	6			20	31.4	19		1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	3	18.2	3			17	26.7	16	1	
Ulcer of stomach and duodenum ....(531-533)						1	1.6	1		
Chronic liver disease and cirrhosis ....(571)	2	12.1	2			1	1.6			1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	5	30.3	4		1	10	15.7	10		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	6.1	1			2	3.1	2		
Certain conditions originating in the perinatal period ....(760-779)						1	1.6			1
Symptoms, signs, and ill-defined conditions ....(780-799)	3	18.2	2	1		3	4.7	3		
All other diseases ....(Residual)	15	90.9	14		1	31	48.7	29	2	
Motor vehicle accidents ....(E810-E825)	4	24.2	4			11	17.3	10	1	
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	12.1	2			14	22.0	14		
Suicide ....(E950-E959)	1	6.1	1			5	7.9	5		
Homicide and legal intervention ....(E960-E978)	2	12.1	2			4	6.3	4		
All other external causes ....(E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	PITTSBURG					PONTOTOC				
POPULATION	43,000					34,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	502	1167.4	409	18	75	459	1326.6	347	10	102
Physician in hospital	501	99.8	408	18	75	457	99.6	345	10	102
Physician not in hospital	1	.2	1							
Midwife, other, or unknown						2	.4	2		
Stillbirths	1	2.0	1			1	2.2			1
Physician in hospital	1	100.0	1			1	100.0			1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	512	1190.7	463	30	19	346	1000.0	322	5	19
Deaths under 1 year	5	10.0	5			5	10.9	5		
Deaths under 1 month	3	6.0	3			3	6.5	3		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	11	25.6	9	1	1	4	11.6	4		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	117	272.1	99	11	7	69	199.4	66	2	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	28	65.1	23	2	3	17	49.1	16		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	28	65.1	24	1	3	13	37.6	12	1	
Malignant neoplasm of breast (174-175)	13	30.2	10	2	1	2	5.8	2		
Malignant neoplasm of genital organs (179-187)	17	39.5	14	3		13	37.6	12	1	
Malignant neoplasm of urinary organs (188-189)	3	7.0	3			5	14.5	5		
Leukemia (204-208)	2	4.7	2			3	8.7	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	26	60.5	23	3		16	46.2	16		
Diabetes mellitus (250)	12	27.9	9	1	2	5	14.5	3		2
Major cardiovascular diseases (390-448)	244	567.4	223	12	9	172	497.1	158	3	11
Diseases of the heart (390-398, 402, 404-429)	186	432.6	170	9	7	128	369.9	116	2	10
Rheumatic fever and rheumatic heart disease (390-398)	1	2.3	1			1	2.9	1		
Hypertensive heart disease with or without renal disease (402,404)	3	7.0	3			1	2.9		1	
Ischemic heart disease (410-414)	130	302.3	118	8	4	96	277.5	90		6
Other heart diseases (415-429)	52	120.9	48	1	3	30	86.7	25	1	4
Hypertension with or without renal disease (401,403)	1	2.3	1			1	2.9	1		
Cerebrovascular disease (430-438)	37	86.0	32	3	2	39	112.7	38		1
Arteriosclerosis (440)	14	32.6	14							
Other diseases of arterioes, arterioles, and capillaries (441-448)	6	14.0	6			4	11.6	3	1	
Pneumonia and influenza (480-487)	36	83.7	35	1		19	54.9	18		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	21	48.8	19	2		14	40.5	14		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	3	7.0	2	1		7	20.2	5		2
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	11.6	5			2	5.8	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	4.7	2			2	5.8	2		
Certain conditions originating in the perinatal period (760-779)	2	4.7	2			3	8.7	3		
Symptoms, signs, and ill-defined conditions (780-799)						1	2.9	1		
All other diseases (Residual)	25	58.1	25			27	78.0	25		2
Motor vehicle accidents (E810-E825)	13	30.2	13			9	26.0	9		
All other accidents and adverse effects (E800-E807, E826-E949)	14	32.6	13	1		4	11.6	4		
Suicide (E950-E959)	2	4.7	2			5	14.5	5		
Homicide and legal intervention (E960-E978)	4	9.3	4			3	8.7	3		
All other external causes (E980-E999)	1	2.3	1							

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	POTTAWATOMIE					PUSHMATAHA				
POPULATION	59,200					11,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	797	1346.3	652	27	118	149	1252.1	111	3	35
Physician in hospital	794	99.6	649	27	118	145	97.3	109	3	33
Physician not in hospital						1	.7	1		
Midwife, other, or unknown	3	.4	3			3	2.0	1		2
Stillbirths	11	13.6	9	1	1	1	6.7	1		
Physician in hospital	11	100.0	9	1	1	1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	621	1049.0	577	12	32	142	1193.3	133	2	7
Deaths under 1 year	7	8.8	4		3	1	6.7	1		
Deaths under 1 month	4	5.0	2		2					
Tuberculosis (010-018)	1	1.7	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	10.1	6			1	8.4	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	119	201.0	115		4	24	201.7	22	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	30	50.7	29		1	8	67.2	7		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	37	62.5	35		2	8	67.2	7	1	
Malignant neoplasm of breast (174-175)	9	15.2	8		1					
Malignant neoplasm of genital organs (179-187)	6	10.1	6			2	16.8	2		
Malignant neoplasm of urinary organs (188-189)	8	13.5	8			1	8.4	1		
Leukemia (204-208)	1	1.7	1			1	8.4	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	28	47.3	28			4	33.6	4		
Diabetes mellitus (250)	11	18.6	9		2	2	16.8	2		
Major cardiovascular diseases (390-448)	296	500.0	278	7	11	75	630.3	71	1	3
Diseases of the heart (390-398, 402, 404-429)	226	381.8	213	6	7	55	462.2	51	1	3
Rheumatic fever and rheumatic heart disease (390-398)	1	1.7	1							
Hypertensive heart disease with or without renal disease (402,404)	5	8.4	5							
Ischemic heart disease (410-414)	157	265.2	150	3	4	35	294.1	31	1	3
Other heart diseases (415-429)	63	106.4	57	3	3	20	168.1	20		
Hypertension with or without renal disease (401,403)	2	3.4	2							
Cerebrovascular disease (430-438)	59	99.7	54	1	4	18	151.3	18		
Arteriosclerosis (440)						1	8.4	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	9	15.2	9			1	8.4	1		
Pneumonia and influenza (480-487)	29	49.0	29			5	42.0	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)	26	43.9	24	1	1	8	67.2	7		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	11	18.6	9	1	1	2	16.8	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	8.4	4		1	3	25.2	1		2
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	6	10.1	5		1	1	8.4	1		
Certain conditions originating in the perinatal period (760-779)	3	5.1	2		1					
Symptoms, signs, and ill-defined conditions (780-799)	7	11.8	5		2					
All other diseases (Residual)	51	86.1	47	2	2	7	58.8	7		
Motor vehicle accidents (E810-E825)	15	25.3	11		4	3	25.2	3		
All other accidents and adverse effects (E800-E807, E826-E949)	21	35.5	19		2	7	58.8	7		
Suicide (E950-E959)	8	13.5	8			3	25.2	3		
Homicide and legal intervention (E960-E978)	5	8.4	4	1		1	8.4	1		
All other external causes (E980-E999)	1	1.7	1							

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	ROGER MILLS					ROGERS				
POPULATION	5,100					55,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	51	1000.0	42	1	8	762	1368.0	555	12	195
Physician in hospital	51	100.0	42	1	8	739	97.0	547	11	181
Physician not in hospital										
Midwife, other, or unknown						23	3.0	8	1	14
Stillbirths	1	19.2	1			3	3.9	3		
Physician in hospital	1	100.0	1			3	100.0	3		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	42	823.5	42			435	781.0	402	7	26
Deaths under 1 year						6	7.9	6		
Deaths under 1 month						6	7.9	6		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	19.6	1			3	5.4	2		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4	78.4	4			107	192.1	99	3	5
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	39.2	2			21	37.7	18	1	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1	19.6	1			36	64.6	33	1	2
Malignant neoplasm of breast (174-175)						8	14.4	7	1	
Malignant neoplasm of genital organs (179-187)						10	18.0	10		
Malignant neoplasm of urinary organs (188-189)	1	19.6	1			6	10.8	6		
Leukemia (204-208)						4	7.2	4		
Other malignant neoplasms (140-149, 170-173, 190-203)						22	39.5	21		1
Diabetes mellitus (250)						10	18.0	9		1
Major cardiovascular diseases (390-448)	22	431.4	22			211	378.8	194	2	15
Diseases of the heart (390-398, 402, 404-429)	16	313.7	16			155	278.3	143	1	11
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	19.6	1			4	7.2	4		
Ischemic heart disease (410-414)	11	215.7	11			120	215.4	110		10
Other heart diseases (415-429)	4	78.4	4			31	55.7	29	1	1
Hypertension with or without renal disease (401,403)	1	19.6	1			1	1.8	1		
Cerebrovascular disease (430-438)	5	98.0	5			42	75.4	37	1	4
Arteriosclerosis (440)						5	9.0	5		
Other diseases of arterioes, arterioles, and capillaries (441-448)						8	14.4	9		
Pneumonia and influenza (480-487)	6	117.6	6			11	19.7	11		
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	78.4	4			15	26.9	15		
Ulcer of stomach and duodenum (531-533)						1	1.8	1		
Chronic liver disease and cirrhosis (571)						3	5.4	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)						7	12.6	5	1	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	1.8	1		
Congenital anomalies (740-759)						2	3.6	2		
Certain conditions originating in the perinatal period (760-779)						2	3.6	2		
Symptoms, signs, and ill-defined conditions (780-799)	1	19.6	1			1	1.8	1		
All other diseases (Residual)	3	58.8	3			30	53.9	28		2
Motor vehicle accidents (E810-E825)	1	19.6	1			11	19.7	11		
All other accidents and adverse effects (E800-E807, E826-E949)						10	18.0	9	1	
Suicide (E950-E959)						6	10.8	5		1
Homicide and legal intervention (E960-E978)						1	1.8	1		
All other external causes (E980-E999)						3	5.4	3		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	SEMINOLE 27,200					SEQUOYAH 35,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	364	1338.2	197	30	137	478	1331.5	313	13	152
Physician in hospital	363	99.7	197	29	137	450	94.1	308	13	129
Physician not in hospital	1	.3		1		2	.4			2
Midwife, other, or unknown						26	5.4	5		21
Stillbirths	3	8.2	2		1	5	10.4	4		1
Physician in hospital	3	100.0	2		1	4	80.0	3		1
Physician not in hospital										
Midwife, other, or unknown						1	20.0	1		
Total deaths, all causes	338	1242.6	290	25	23	341	949.9	305	8	28
Deaths under 1 year						8	16.7	6		2
Deaths under 1 month						4	8.4	3		1
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	3.7	1			4	11.1	4		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	64	235.3	57	3	4	70	195.0	63	3	4
Malignant neoplasm of digestive organs and peritoneum (150-159)	20	73.5	15	2	3	17	47.4	14	1	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	13	47.8	12	1		22	61.3	21	1	
Malignant neoplasm of breast (174-175)	5	18.4	5			1	2.8	1		
Malignant neoplasm of genital organs (179-187)	6	22.1	5		1	7	19.5	6		1
Malignant neoplasm of urinary organs (188-189)	7	25.7	7			2	5.6	2		
Leukemia (204-208)	2	7.4	2			1	2.8	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	11	40.4	11			20	55.7	18	1	1
Diabetes mellitus (250)	7	25.7	3	3	1	5	13.9	4		1
Major cardiovascular diseases (390-448)	193	709.6	166	15	12	167	465.2	145	5	17
Diseases of the heart (390-398, 402, 404-429)	174	639.7	150	15	9	151	420.6	132	4	15
Rheumatic fever and rheumatic heart disease (390-398)						1	2.8	1		
Hypertensive heart disease with or without renal disease (402,404)	3	11.0	3			1	2.8	1		
Ischemic heart disease (410-414)	124	455.9	106	11	7	114	317.5	100	3	11
Other heart diseases (415-429)	47	172.8	41	4	2	35	97.5	30	1	4
Hypertension with or without renal disease (401,403)						1	2.8	1		
Cerebrovascular disease (430-438)	16	58.8	13		3	13	36.2	10	1	2
Arteriosclerosis (440)						1	2.8	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	11.0	3			1	2.8	1		
Pneumonia and influenza (480-487)	9	33.1	9			19	52.9	18		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	29.4	7		1	11	30.6	11		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	4	14.7	4			4	11.1	4		
Nephritis, nephrotic syndrome and nephrosis (580-589)	11	40.4	8	1	2	3	8.4	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	5.6	2		
Certain conditions originating in the perinatal period (760-779)						2	5.6	1		1
Symptoms, signs, and ill-defined conditions (780-799)	1	3.7	1			9	25.1	7		2
All other diseases (Residual)	13	47.8	11	2		28	78.0	27		1
Motor vehicle accidents (E810-E825)	7	25.7	6		1	6	16.7	5		1
All other accidents and adverse effects (E800-E807, E826-E949)	13	47.8	13			7	19.5	7		
Suicide (E950-E959)	1	3.7	1			3	8.4	3		
Homicide and legal intervention (E960-E978)	5	18.4	2	1	2	1	2.8	1		
All other external causes (E980-E999)	1	3.7	1							

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	STEPHENS					TEXAS				
POPULATION	43,000					16,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	531	1234.9	482	19	30	220	1309.5	212	3	5
Physician in hospital	529	99.6	480	19	30	220	100.0	212	3	5
Physician not in hospital	1	.2	1							
Midwife, other, or unknown	1	.2	1							
Stillbirths	3	5.6	2	1		2	9.0	2		
Physician in hospital	3	100.0	2	1		2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	441	1025.6	425	12	4	131	779.8	131		
Deaths under 1 year						4	18.2	4		
Deaths under 1 month						2	9.1	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	4.7	2							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	100	232.6	93	4	3	30	178.6	30		
Malignant neoplasm of digestive organs and peritoneum (150-159)	23	53.5	20	2	1	6	35.7	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	28	65.1	27		1	7	41.7	7		
Malignant neoplasm of breast (174-175)	9	20.9	9			1	6.0	1		
Malignant neoplasm of genital organs (179-187)	19	44.2	19			3	17.9	3		
Malignant neoplasm of urinary organs (188-189)	5	11.6	4	1						
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	16	37.2	14	1	1	13	77.4	13		
Diabetes mellitus (250)	8	18.6	7	1		1	6.0	1		
Major cardiovascular diseases (390-448)	210	488.4	205	4	1	61	363.1	61		
Diseases of the heart (390-398, 402, 404-429)	158	367.4	154	3	1	43	256.0	43		
Rheumatic fever and rheumatic heart disease (390-398)	1	2.3	1			1	6.0	1		
Hypertensive heart disease with or without renal disease (402,404)	1	2.3	1							
Ischemic heart disease (410-414)	110	255.8	108	1	1	29	172.6	29		
Other heart diseases (415-429)	46	107.0	44	2		13	77.4	13		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	39	90.7	38	1		14	83.3	14		
Arteriosclerosis (440)	8	18.6	8			2	11.9	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	5	11.6	5			2	11.9	2		
Pneumonia and influenza (480-487)	31	72.1	31			3	17.9	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	21	48.8	21			7	41.7	7		
Ulcer of stomach and duodenum (531-533)	1	2.3		1		1	6.0	1		
Chronic liver disease and cirrhosis (571)	3	7.0	3							
Nephritis, nephrotic syndrome and nephrosis (580-589)	8	18.6	8							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	6.0	1		
Certain conditions originating in the perinatal period (760-779)						2	11.9	2		
Symptoms, signs, and ill-defined conditions (780-799)						2	11.9	2		
All other diseases (Residual)	37	86.0	36	1		12	71.4	12		
Motor vehicle accidents (E810-E825)	3	7.0	3			5	29.8	5		
All other accidents and adverse effects (E800-E807, E826-E949)	10	23.3	10			4	23.8	4		
Suicide (E950-E959)	5	11.6	5			2	11.9	2		
Homicide and legal intervention (E960-E978)	2	4.7	1	1						
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	TILLMAN					TULSA				
POPULATION	11,100					517,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	181	1630.6	151	19	11	8,391	1622.1	6,480	1,184	727
Physician in hospital	177	97.8	150	17	10	8,188	97.6	6,363	1,166	659
Physician not in hospital	2	1.1	1	1		4		2	2	
Midwife, other, or unknown	2	1.1		1	1	199	2.4	115	16	68
Stillbirths	1	5.5			1	60	7.1	43	14	3
Physician in hospital	1	100.0			1	59	98.3	42	14	3
Physician not in hospital						1	1.7	1		
Midwife, other, or unknown										
Total deaths, all causes	133	1198.2	112	19	2	4,236	818.9	3,762	416	58
Deaths under 1 year	1	5.5	1			87	10.4	70	16	1
Deaths under 1 month	1	5.5	1			50	6.0	42	8	
Tuberculosis (010-018)						3	.6	3		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						68	13.1	58	7	3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	24	216.2	20	4		943	182.3	840	95	8
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	54.1	4	2		213	41.2	180	30	3
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	54.1	6			334	64.6	298	32	4
Malignant neoplasm of breast (174-175)	2	18.0	2			74	14.3	66	8	
Malignant neoplasm of genital organs (179-187)	4	36.0	3	1		99	19.1	87	12	
Malignant neoplasm of urinary organs (188-189)	2	18.0	2			29	5.6	27	2	
Leukemia (204-208)	1	9.0	1			35	6.8	33	2	
Other malignant neoplasms (140-149, 170-173, 190-203)	3	27.0	2	1		159	30.7	149	9	1
Diabetes mellitus (250)	4	36.0	3	1		75	14.5	55	20	
Major cardiovascular diseases (390-448)	75	675.7	68	6	1	1,945	376.0	1,758	167	20
Diseases of the heart (390-398, 402, 404-429)	67	603.6	60	6	1	1,502	290.4	1,361	124	17
Rheumatic fever and rheumatic heart disease (390-398)	2	18.0	1	1		5	1.0	5		
Hypertensive heart disease with or without renal disease (402,404)						36	7.0	30	4	2
Ischemic heart disease (410-414)	53	477.5	48	4	1	1,088	210.3	1,002	75	11
Other heart diseases (415-429)	12	108.1	11	1		373	72.1	324	45	4
Hypertension with or without renal disease (401,403)						16	3.1	12	4	
Cerebrovascular disease (430-438)	7	63.1	7			341	65.9	303	35	3
Arteriosclerosis (440)						45	8.7	42	3	
Other diseases of arteries, arterioles, and capillaries (441-448)	1	9.0	1			41	7.9	40	1	
Pneumonia and influenza (480-487)	4	36.0	4			127	24.6	121	6	
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	45.0	4	1		188	36.3	178	9	1
Ulcer of stomach and duodenum (531-533)	1	9.0	1			7	1.4	6	1	
Chronic liver disease and cirrhosis (571)	2	18.0	1	1		45	8.7	38	4	3
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	9.0	1			49	9.5	38	9	2
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	.2			1
Congenital anomalies (740-759)						30	5.8	24	6	
Certain conditions originating in the perinatal period (760-779)	1	9.0	1			33	6.4	25	8	
Symptoms, signs, and ill-defined conditions (780-799)						50	9.7	41	8	1
All other diseases (Residual)	5	45.0	3	2		395	76.4	348	38	9
Motor vehicle accidents (E810-E825)	4	36.0	2	1	1	74	14.3	59	10	5
All other accidents and adverse effects (E800-E807, E826-E949)	4	36.0	2	2		82	15.9	73	8	1
Suicide (E950-E959)	1	9.0	1			69	13.3	64	3	2
Homicide and legal intervention (E960-E978)	2	18.0	1	1		49	9.5	32	15	2
All other external causes (E980-E999)						3	.6	1	2	

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	WAGONER					WASHINGTON				
POPULATION	50,900					45,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	640	1257.4	504	27	109	603	1340.0	515	23	65
Physician in hospital	626	97.8	499	26	101	600	99.5	514	23	63
Physician not in hospital						1	.2	1		
Midwife, other, or unknown	14	2.2	5	1	8	2	.3			2
Stillbirths	3	4.7	3			6	9.9	5		1
Physician in hospital	3	100.0	3			6	100.0	5		1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	285	559.9	251	29	5	459	1020.0	436	9	14
Deaths under 1 year	5	7.8	4	1		3	5.0	3		
Deaths under 1 month	3	4.7	2	1						
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	12	23.6	9	3		9	20.0	7	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	63	123.8	54	5	4	94	208.9	91	1	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	10	19.6	9	1		15	33.3	14	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	24	47.2	22		2	27	60.0	27		
Malignant neoplasm of breast (174-175)	6	11.8	4	1	1	8	17.8	8		
Malignant neoplasm of genital organs (179-187)	8	15.7	6	2		16	35.6	15		1
Malignant neoplasm of urinary organs (188-189)						6	13.3	6		
Leukemia (204-208)	1	2.0			1	4	8.9	4		
Other malignant neoplasms (140-149, 170-173, 190-203)	14	27.5	13	1		18	40.0	17		1
Diabetes mellitus (250)	6	11.8	5	1		8	17.8	8		
Major cardiovascular diseases (390-448)	139	273.1	125	13	1	195	433.3	183	4	8
Diseases of the heart (390-398, 402, 404-429)	105	206.3	95	10		151	335.6	143	3	5
Rheumatic fever and rheumatic heart disease (390-398)	1	2.0	1			1	2.2	1		
Hypertensive heart disease with or without renal disease (402,404)	3	5.9	2	1		4	8.9	4		
Ischemic heart disease (410-414)	74	145.4	67	7		99	220.0	94	1	4
Other heart diseases (415-429)	27	53.0	25	2		47	104.4	44	2	1
Hypertension with or without renal disease (401,403)	1	2.0	1			1	2.2	1		
Cerebrovascular disease (430-438)	27	53.0	23	3	1	33	73.3	30		3
Arteriosclerosis (440)	2	3.9	2			6	13.3	5	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	4	7.9	4			4	8.9	4		
Pneumonia and influenza (480-487)	10	19.6	10			18	40.0	17	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	3.9	2			21	46.7	20		1
Ulcer of stomach and duodenum (531-533)						2	4.4	2		
Chronic liver disease and cirrhosis (571)	1	2.0	1			5	11.1	5		
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	7.9	3	1		2	4.4	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	2.0	1			4	8.9	4		
Certain conditions originating in the perinatal period (760-779)	2	3.9	1	1						
Symptoms, signs, and ill-defined conditions (780-799)	1	2.0	1			6	13.3	6		
All other diseases (Residual)	20	39.3	18	2		53	117.8	53		
Motor vehicle accidents (E810-E825)	14	27.5	14			14	31.1	12	1	1
All other accidents and adverse effects (E800-E807, E826-E949)	3	5.9	2	1		15	33.3	13	1	1
Suicide (E950-E959)	4	7.9	3	1		9	20.0	9		
Homicide and legal intervention (E960-E978)	3	5.9	2	1		4	8.9	4		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

POPULATION	WASHITA 12,100					WOODS 9,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	140	1157.0	132		8	98	989.9	97		1
Physician in hospital	138	98.6	130		8	98	100.0	97		1
Physician not in hospital										
Midwife, other, or unknown	2	1.4	2							
Stillbirths	4	27.8	4							
Physician in hospital	3	75.0	3							
Physician not in hospital										
Midwife, other, or unknown	1	25.0	1							
Total deaths, all causes	139	1148.8	139			136	1373.7	136		
Deaths under 1 year	1	7.1	1							
Deaths under 1 month	1	7.1	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	8.3	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	35	289.3	35			33	333.3	33		
Malignant neoplasm of digestive organs and peritoneum (150-159)	8	66.1	8			12	121.2	12		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	66.1	8			8	80.8	8		
Malignant neoplasm of breast (174-175)	3	24.8	3			3	30.3	3		
Malignant neoplasm of genital organs (179-187)	6	49.6	6			3	30.3	3		
Malignant neoplasm of urinary organs (188-189)	2	16.5	2			1	10.1	1		
Leukemia (204-208)	1	8.3	1			2	20.2	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	7	57.9	7			4	40.4	4		
Diabetes mellitus (250)	3	24.8	3			8	80.8	8		
Major cardiovascular diseases (390-448)	69	570.2	69			56	565.7	56		
Diseases of the heart (390-398, 402, 404-429)	53	438.0	53			42	424.2	42		
Rheumatic fever and rheumatic heart disease (390-398)	1	8.3	1							
Hypertensive heart disease with or without renal disease (402,404)	1	8.3	1			1	10.1	1		
Ischemic heart disease (410-414)	40	330.6	40			29	292.9	29		
Other heart diseases (415-429)	11	90.9	11			12	121.2	12		
Hypertension with or without renal disease (401,403)						2	20.2	2		
Cerebrovascular disease (430-438)	11	90.9	11			11	111.1	11		
Arteriosclerosis (440)	3	24.8	3			1	10.1	1		
Other diseases of arteriees, arterioles, and capillaries (441-448)	2	16.5	2							
Pneumonia and influenza (480-487)	3	24.8	3			6	60.6	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	11	90.9	11			1	10.1	1		
Ulcer of stomach and duodenum (531-533)	1	8.3	1			1	10.1	1		
Chronic liver disease and cirrhosis (571)	1	8.3	1			1	10.1	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	16.5	2							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	8.3	1							
All other diseases (Residual)	8	66.1	8			20	202.0	20		
Motor vehicle accidents (E810-E825)						4	40.4	4		
All other accidents and adverse effects (E800-E807, E826-E949)	1	8.3	1			4	40.4	4		
Suicide (E950-E959)	3	24.8	3			2	20.2	2		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1988

	WOODWARD				
POPULATION	19,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	257	1291.5	247		10
Physician in hospital	252	98.1	242		10
Physician not in hospital					
Midwife, other, or unknown	5	1.9	5		
Stillbirths					
Physician in hospital					
Physician not in hospital					
Midwife, other, or unknown					
Total deaths, all causes	178	894.5	177		1
Deaths under 1 year	2	7.8	2		
Deaths under 1 month	1	3.9	1		
Tuberculosis (010-018)					
Syphilis (090-097)					
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	15.1	3		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	26	130.7	26		
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	30.2	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	25.1	5		
Malignant neoplasm of breast (174-175)	5	25.1	5		
Malignant neoplasm of genital organs (179-187)	5	25.1	5		
Malignant neoplasm of urinary organs (188-189)					
Leukemia (204-208)	1	5.0	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	4	20.1	4		
Diabetes mellitus (250)	5	25.1	5		
Major cardiovascular diseases (390-448)	91	457.3	91		
Diseases of the heart (390-398, 402, 404-429)	70	351.8	70		
Rheumatic fever and rheumatic heart disease (390-398)	2	10.1	2		
Hypertensive heart disease with or without renal disease (402,404)					
Ischemic heart disease (410-414)	55	276.4	55		
Other heart diseases (415-429)	13	65.3	13		
Hypertension with or without renal disease (401,403)	1	5.0	1		
Cerebrovascular disease (430-438)	16	80.4	16		
Arteriosclerosis (440)	1	5.0	1		
Other diseases of arteries, arterioles, and capillaries (441-448)	3	15.1	3		
Pneumonia and influenza (480-487)	2	10.1	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	12	60.3	12		
Ulcer of stomach and duodenum (531-533)					
Chronic liver disease and cirrhosis (571)	1	5.0	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	10.1	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)					
Congenital anomalies (740-759)	2	10.1	2		
Certain conditions originating in the perinatal period (760-779)					
Symptoms, signs, and ill-defined conditions (780-799)	2	10.1	2		
All other diseases (Residual)	20	100.5	19		1
Motor vehicle accidents (E810-E825)	7	35.2	7		
All other accidents and adverse effects (E800-E807, E826-E949)	1	5.0	1		
Suicide (E950-E959)	4	20.1	4		
Homicide and legal intervention (E960-E978)					
All other external causes (E980-E999)					

TABLE VI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR MSA'S, OKLAHOMA, 1988

	OKLAHOMA CITY 1					TULSA 2				
POPULATION	963,800					727,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	14,902	1546.2	11,961	2,231	710	11,135	1530.4	8,567	1,305	1,263
Physician in hospital...........................	14,642	98.3	11,727	2,211	704	10,805	97.0	8,374	1,283	1,148
Physician not in hospital.......................	12	.1	11		1	4		2	2	
Midwife, other, or unknown.....................	248	1.7	223	20	5	326	2.9	191	20	115
Stillbirths..	121	8.1	96	20	5	76	6.8	57	14	5
Physician in hospital...........................	114	94.2	90	19	5	74	97.4	55	14	5
Physician not in hospital.......................	7	5.8	6	1		2	2.6	2		
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	7,625	791.1	6,829	675	121	5,825	800.6	5,205	483	137
Deaths under 1 year...........................	143	9.6	108	28	7	105	9.4	85	18	2
Deaths under 1 month..........................	93	6.2	72	17	4	61	5.5	51	9	1
Tuberculosis ....(010-018)	11	1.1	10	1		3	.4	3		
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	146	15.1	126	18	2	92	12.6	77	11	4
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	1,656	171.8	1,489	146	21	1,300	178.7	1,161	111	28
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	336	34.9	295	35	6	288	39.6	249	33	6
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	534	55.4	480	48	6	454	62.4	405	37	12
Malignant neoplasm of breast ....(174-175)	136	14.1	127	7	2	98	13.5	85	12	1
Malignant neoplasm of genital organs ....(179-187)	181	18.8	164	16	1	139	19.1	121	15	3
Malignant neoplasm of urinary organs .(188-189)	61	6.3	56	5		45	6.2	42	2	1
Leukemia ....(204-208)	52	5.4	49	3		47	6.5	43	2	2
Other malignant neoplasms ....(140-149, 170-173, 190-203)	356	36.9	318	32	6	229	31.5	216	10	3
Diabetes mellitus ....(250)	142	14.7	116	19	7	108	14.8	83	23	2
Major cardiovascular diseases ....(390-448)	3,410	353.8	3,083	288	39	2,699	370.9	2,449	193	57
Diseases of the heart ....(390-398, 402, 404-429)	2,551	264.7	2,305	222	24	2,088	287.0	1,904	142	42
Rheumatic fever and rheumatic heart disease ....(390-398)	15	1.6	13	2		6	.8	6		
Hypertensive heart disease with or without renal disease ....(402,404)	42	4.4	29	13		48	6.6	41	5	2
Ischemic heart disease ....(410-414)	1,665	172.8	1,520	130	15	1,518	208.6	1,400	86	32
Other heart diseases ....(415-429)	828	85.9	742	77	9	516	70.9	457	51	8
Hypertension with or without renal disease ....(401,403)	22	2.3	16	5	1	19	2.6	15	4	
Cerebrovascular disease ....(430-438)	631	65.5	570	50	11	471	64.7	416	42	13
Arteriosclerosis ....(440)	117	12.1	107	7	3	61	8.4	56	4	1
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	89	9.2	85	4		60	8.2	58	1	1
Pneumonia and influenza ....(480-487)	266	27.6	245	14	7	185	25.4	177	6	2
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	340	35.3	322	16	2	242	33.3	231	9	2
Ulcer of stomach and duodenum ....(531-533)	21	2.2	19	2		15	2.1	14	1	
Chronic liver disease and cirrhosis ....(571)	81	8.4	66	11	4	59	8.1	49	5	5
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	90	9.3	75	14	1	77	10.6	60	13	4
Complications of pregnancy, childbirth, and the puerperium ....(630-676)	3	.3	1	2		2	.3	1		1
Congenital anomalies ....(740-759)	50	5.2	39	8	3	37	5.1	30	7	
Certain conditions originating in the perinatal period ....(760-779)	58	6.0	44	12	2	39	5.4	29	9	1
Symptoms, signs, and ill-defined conditions ....(780-799)	69	7.2	55	9	5	58	8.0	49	8	1
All other diseases ....(Residual)	682	70.8	620	52	10	513	70.5	459	42	12
Motor vehicle accidents ....(E810-E825)	173	17.9	153	13	7	119	16.4	101	10	8
All other accidents and adverse effects ....(E800-E807, E826-E949)	172	17.8	158	8	6	116	15.9	103	11	2
Suicide ....(E950-E959)	145	15.0	139	4	2	91	12.5	83	4	4
Homicide and legal intervention ....(E960-E978)	101	10.5	62	36	3	62	8.5	40	18	4
All other external causes ....(E980-E999)	10	1.0	8	2		8	1.1	6	2	

TABLE VI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR MSA'S, OKLAHOMA, 1988

	LAWTON 3					ENID 4				
POPULATION	119,300					58,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	2,261	1895.2	1,551	558	152	823	1411.7	750	48	25
Physician in hospital	2,252	99.6	1,545	555	152	819	99.5	749	45	25
Physician not in hospital	3	.1	1	2		1	.1		1	
Midwife, other, or unknown	6	.3	5	1		3	.4	1	2	
Stillbirths	20	8.8	16	3	1	4	4.8	4		
Physician in hospital	20	100.0	16	3	1	4	100.0	4		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	710	595.1	590	98	22	601	1030.9	581	18	2
Deaths under 1 year	17	7.5	10	7		5	6.1	5		
Deaths under 1 month	8	3.5	6	2		3	3.6	3		
Tuberculosis (010-018)	3	2.5	3			2	3.4	2		
Syphilis (090-097)	1	.8	1							
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	7	5.9	4	3		7	12.0	5	2	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	162	135.8	143	17	2	125	214.4	121	3	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	46	38.6	39	6	1	30	51.5	30		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	44	36.9	41	3		30	51.5	30		
Malignant neoplasm of breast (174-175)	14	11.7	12	2		13	22.3	11	2	
Malignant neoplasm of genital organs (179-187)	17	14.2	13	3	1	13	22.3	13		
Malignant neoplasm of urinary organs (188-189)	4	3.4	3	1		3	5.1	3		
Leukemia (204-208)	8	6.7	7	1		7	12.0	7		
Other malignant neoplasms (140-149, 170-173, 190-203)	29	24.3	28	1		29	49.7	27	1	1
Diabetes mellitus (250)	12	10.1	11		1	10	17.2	10		
Major cardiovascular diseases (390-448)	294	246.4	238	44	12	312	535.2	303	9	
Diseases of the heart (390-398, 402, 404-429)	238	199.5	194	35	9	236	404.8	229	7	
Rheumatic fever and rheumatic heart disease (390-398)	1	.8		1		1	1.7		1	
Hypertensive heart disease with or without renal disease (402,404)	4	3.4	3	1						
Ischemic heart disease (410-414)	167	140.0	148	15	4	164	281.3	159	5	
Other heart diseases (415-429)	66	55.3	43	18	5	71	121.8	70	1	
Hypertension with or without renal disease (401,403)	7	5.9	7			2	3.4	2		
Cerebrovascular disease (430-438)	39	32.7	30	6	3	55	94.3	53	2	
Arteriosclerosis (440)	1	.8		1		9	15.4	9		
Other diseases of arterioes, arterioles, and capillaries (441-448)	9	7.5	7	2		10	17.2	10		
Pneumonia and influenza (480-487)	33	27.7	32		1	17	29.2	17		
Chronic obstructive pulmonary disease and allied conditions (490-496)	32	26.8	28	4		17	29.2	17		
Ulcer of stomach and duodenum (531-533)	2	1.7	1	1		3	5.1	3		
Chronic liver disease and cirrhosis (571)	7	5.9	4	1	2	6	10.3	5		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	3.4	4			11	18.9	10	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	4	3.4	3		1	5	8.6	5		
Certain conditions originating in the perinatal period (760-779)	7	5.9	4	3						
Symptoms, signs, and ill-defined conditions (780-799)	11	9.2	7	3	1	3	5.1	2	1	
All other diseases (Residual)	64	53.6	51	11	2	49	84.0	48	1	
Motor vehicle accidents (E810-E825)	22	18.4	20	2		10	17.2	9	1	
All other accidents and adverse effects (E800-E807, E826-E949)	18	15.1	16	2		15	25.7	15		
Suicide (E950-E959)	17	14.2	14	3		6	10.3	6		
Homicide and legal intervention (E960-E978)	9	7.5	5	4		2	3.4	2		
All other external causes (E980-E999)	1	.8	1			1	1.7	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	ADA					ALTUS				
POPULATION	16,800					22,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	221	1315.5	154	9	58	507	2214.0	421	78	8
Physician in hospital	219	99.1	152	9	58	506	99.8	421	77	8
Physician not in hospital						1	.2		1	
Midwife, other, or unknown	2	.9	2							
Stillbirths						2	3.9	2		
Physician in hospital						2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	210	1250.0	198	5	7	197	860.3	170	26	1
Deaths under 1 year	3	13.6	3			3	5.9	3		
Deaths under 1 month	2	9.0	2			1	2.0	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	23.8	4			2	8.7	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	36	214.3	34	2		32	139.7	29	3	
Malignant neoplasm of digestive organs and peritoneum (150-159)	14	83.3	14			8	34.9	8		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	35.7	5	1		9	39.3	7	2	
Malignant neoplasm of breast (174-175)						2	8.7	2		
Malignant neoplasm of genital organs (179-187)	4	23.8	3	1		4	17.5	3	1	
Malignant neoplasm of urinary organs (188-189)	1	6.0	1			1	4.4	1		
Leukemia (204-208)	2	11.9	2			1	4.4	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	9	53.6	9			7	30.6	7		
Diabetes mellitus (250)	4	23.8	3		1	1	4.4	1		
Major cardiovascular diseases (390-448)	110	654.8	104	3	3	101	441.0	86	15	
Diseases of the heart (390-398, 402, 404-429)	80	476.2	75	2	3	81	353.7	73	8	
Rheumatic fever and rheumatic heart disease (390-398)	1	6.0	1			1	4.4	1		
Hypertensive heart disease with or without renal disease (402,404)	1	6.0		1						
Ischemic heart disease (410-414)	61	363.1	59		2	65	283.8	59	6	
Other heart diseases (415-429)	17	101.2	15	1	1	15	65.5	13	2	
Hypertension with or without renal disease (401,403)						1	4.4		1	
Cerebrovascular disease (430-438)	28	166.7	28			15	65.5	10	5	
Arteriosclerosis (440)						1	4.4	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	11.9	1	1		3	13.1	2	1	
Pneumonia and influenza (480-487)	11	65.5	11			11	48.0	9	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	53.6	9			9	39.3	8	1	
Ulcer of stomach and duodenum (531-533)						1	4.4	1		
Chronic liver disease and cirrhosis (571)	4	23.8	2		2	2	8.7	1	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	11.9	2			1	4.4	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	11.9	2							
Certain conditions originating in the perinatal period (760-779)	1	6.0	1			1	4.4	1		
Symptoms, signs, and ill-defined conditions (780-799)						6	26.2	5	1	
All other diseases (Residual)	18	107.1	17		1	22	96.1	19	2	1
Motor vehicle accidents (E810-E825)	2	11.9	2			2	8.7	2		
All other accidents and adverse effects (E800-E807, E826-E949)	2	11.9	2			3	13.1	3		
Suicide (E950-E959)	3	17.9	3			1	4.4	1		
Homicide and legal intervention (E960-E978)	2	11.9	2			1	4.4		1	
All other external causes (E980-E999)						1	4.4	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	ALVA					ANADARKO				
POPULATION	5,800					6,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	55	948.3	55			130	1940.3	44	11	75
Physician in hospital	55	100.0	55			130	100.0	44	11	75
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	81	1396.6	81			110	1641.8	80	7	23
Deaths under 1 year						2	15.4		1	1
Deaths under 1 month						1	7.7			1
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	14.9	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	310.3	18			26	388.1	19	3	4
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	103.4	6			3	44.8	1	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	69.0	4			10	149.3	9		1
Malignant neoplasm of breast (174-175)	1	17.2	1			2	29.9	1	1	
Malignant neoplasm of genital organs (179-187)	2	34.5	2			2	29.9		1	1
Malignant neoplasm of urinary organs (188-189)						1	14.9	1		
Leukemia (204-208)	2	34.5	2							
Other malignant neoplasms (140-149, 170-173, 190-203)	3	51.7	3			8	119.4	7		1
Diabetes mellitus (250)	7	120.7	7			2	29.9	1		1
Major cardiovascular diseases (390-448)	31	534.5	31			41	611.9	32	1	8
Diseases of the heart (390-398, 402, 404-429)	23	396.6	23			36	537.3	28	1	7
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	16	275.9	16			25	373.1	20	1	4
Other heart diseases (415-429)	7	120.7	7			11	164.2	8		3
Hypertension with or without renal disease (401,403)	1	17.2	1							
Cerebrovascular disease (430-438)	6	103.4	6			3	44.8	3		
Arteriosclerosis (440)	1	17.2	1			2	29.9	1		1
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	4	69.0	4			7	104.5	4		3
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	17.2	1			4	59.7	3		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						1	14.9			1
Nephritis, nephrotic syndrome and nephrosis (580-589)						3	44.8	1	1	1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	29.9	2		
Certain conditions originating in the perinatal period (760-779)						1	14.9			1
Symptoms, signs, and ill-defined conditions (780-799)						2	29.9	1	1	
All other diseases (Residual)	14	241.4	14			10	149.3	8	1	1
Motor vehicle accidents (E810-E825)	2	34.5	2			3	44.8	2		1
All other accidents and adverse effects (E800-E807, E826-E949)	3	51.7	3			5	74.6	5		
Suicide (E950-E959)	1	17.2	1							
Homicide and legal intervention (E960-E978)						2	29.9	1		1
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	ANTLERS					ARDMORE				
POPULATION	3,100					23,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	48	1548.4	35	2	11	373	1567.2	281	54	38
Physician in hospital	48	100.0	35	2	11	372	99.7	280	54	38
Physician not in hospital										
Midwife, other, or unknown						1	.3	1		
Stillbirths						1	2.7		1	
Physician in hospital						1	100.0		1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	67	2161.3	62	2	3	342	1437.0	302	27	13
Deaths under 1 year						2	5.4	2		
Deaths under 1 month						2	5.4	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						6	25.2	6		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	9	290.3	8	1		69	289.9	60	6	3
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	64.5	2			11	46.2	9	2	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	96.8	2	1		18	75.6	15	2	1
Malignant neoplasm of breast (174-175)						7	29.4	6		1
Malignant neoplasm of genital organs (179-187)	1	32.3	1			5	21.0	3	2	
Malignant neoplasm of urinary organs (188-189)						4	16.8	4		
Leukemia (204-208)	1	32.3	1			4	16.8	4		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	64.5	2			20	84.0	19		1
Diabetes mellitus (250)	2	64.5	2			7	29.4	4	2	1
Major cardiovascular diseases (390-448)	40	1290.3	37	1	2	177	743.7	158	15	4
Diseases of the heart (390-398, 402, 404-429)	27	871.0	24	1	2	128	537.8	120	7	1
Rheumatic fever and rheumatic heart disease (390-398)						1	4.2	1		
Hypertensive heart disease with or without renal disease (402,404)						5	21.0	5		
Ischemic heart disease (410-414)	16	516.1	13	1	2	86	361.3	80	6	
Other heart diseases (415-429)	11	354.8	11			36	151.3	34	1	1
Hypertension with or without renal disease (401,403)						5	21.0	2	2	1
Cerebrovascular disease (430-438)	11	354.8	11			33	138.7	28	5	
Arteriosclerosis (440)	1	32.3	1			5	21.0	2	1	2
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	32.3	1			6	25.2	6		
Pneumonia and influenza (480-487)	4	129.0	4			12	50.4	10	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	96.8	3			10	42.0	10		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	32.3	1			5	21.0	4	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	64.5	1		1	6	25.2	5	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	4.2	1		
Certain conditions originating in the perinatal period (760-779)						1	4.2	1		
Symptoms, signs, and ill-defined conditions (780-799)						5	21.0	5		
All other diseases (Residual)	3	96.8	3			33	138.7	29	1	3
Motor vehicle accidents (E810-E825)	1	32.3	1			2	8.4	2		
All other accidents and adverse effects (E800-E807, E826-E949)	2	64.5	2			3	12.6	2		1
Suicide (E950-E959)						4	16.8	4		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)						1	4.2	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	ATOKA					BARTLESVILLE				
POPULATION	3,900					29,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	47	1205.1	27	11	9	449	1501.7	380	23	46
Physician in hospital	46	97.9	27	10	9	448	99.8	380	23	45
Physician not in hospital	1	2.1		1						
Midwife, other, or unknown						1	.2			1
Stillbirths	1	20.8	1			5	11.0	5		
Physician in hospital	1	100.0	1			5	100.0	5		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	57	1461.5	51	4	2	338	1130.4	325	7	6
Deaths under 1 year						2	4.5	2		
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						8	26.8	7	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	9	230.8	7	1	1	62	207.4	60	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	25.6			1	11	36.8	10	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	128.2	5			17	56.9	17		
Malignant neoplasm of breast (174-175)	1	25.6	1			3	10.0	3		
Malignant neoplasm of genital organs (179-187)	1	25.6	1			11	36.8	10		1
Malignant neoplasm of urinary organs (188-189)						4	13.4	4		
Leukemia (204-208)	1	25.6		1		4	13.4	4		
Other malignant neoplasms (140-149, 170-173, 190-203)						12	40.1	12		
Diabetes mellitus (250)	2	51.3	2			6	20.1	6		
Major cardiovascular diseases (390-448)	40	1025.6	37	3		148	495.0	141	2	5
Diseases of the heart (390-398, 402, 404-429)	35	897.4	33	2		111	371.2	108	1	2
Rheumatic fever and rheumatic heart disease (390-398)						1	3.3	1		
Hypertensive heart disease with or without renal disease (402,404)	1	25.6	1			2	6.7	2		
Ischemic heart disease (410-414)	12	307.7	11	1		75	250.8	72	1	2
Other heart diseases (415-429)	22	564.1	21	1		33	110.4	33		
Hypertension with or without renal disease (401,403)						1	3.3	1		
Cerebrovascular disease (430-438)	3	76.9	2	1		28	93.6	25		3
Arteriosclerosis (440)	2	51.3	2			5	16.7	4	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)						3	10.0	3		
Pneumonia and influenza (480-487)	1	25.6			1	15	50.2	14	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	25.6	1			14	46.8	14		
Ulcer of stomach and duodenum (531-533)						2	6.7	2		
Chronic liver disease and cirrhosis (571)						4	13.4	4		
Nephritis, nephrotic syndrome and nephrosis (580-589)						1	3.3	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	6.7	2		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						4	13.4	4		
All other diseases (Residual)	2	51.3	2			44	147.2	44		
Motor vehicle accidents (E810-E825)	1	25.6	1			11	36.8	10	1	
All other accidents and adverse effects (E800-E807, E826-E949)	1	25.6	1			11	36.8	10	1	
Suicide (E950-E959)						4	13.4	4		
Homicide and legal intervention (E960-E978)						2	6.7	2		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	BETHANY					BETHEL ACRES				
POPULATION	21,200					2,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	273	1287.7	259	10	4					
Physician in hospital	267	97.8	253	10	4					
Physician not in hospital										
Midwife, other, or unknown	6	2.2	6							
Stillbirths	3	10.9	3							
Physician in hospital	3	100.0	3							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	162	764.2	157	2	3					
Deaths under 1 year	2	7.3	2							
Deaths under 1 month	2	7.3	2							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	18.9	4							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	36	169.8	34	2						
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	42.5	9							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	37.7	7	1						
Malignant neoplasm of breast (174-175)	2	9.4	2							
Malignant neoplasm of genital organs (179-187)	5	23.6	4	1						
Malignant neoplasm of urinary organs (188-189)	2	9.4	2							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	10	47.2	10							
Diabetes mellitus (250)	4	18.9	4							
Major cardiovascular diseases (390-448)	86	405.7	84		2					
Diseases of the heart (390-398, 402, 404-429)	56	264.2	54		2					
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	36	169.8	35		1					
Other heart diseases (415-429)	19	89.6	18		1					
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	20	94.3	20							
Arteriosclerosis (440)	5	23.6	5							
Other diseases of arterioes, arterioles, and capillaries (441-448)	5	23.6	5							
Pneumonia and influenza (480-487)	4	18.9	4							
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	37.7	8							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	4.7	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	3	14.2	3							
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	13	61.3	13							
Motor vehicle accidents (E810-E825)	1	4.7	1							
All other accidents and adverse effects (E800-E807, E826-E949)	3	14.2	2		1					
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	BIXBY					BLACKWELL				
POPULATION	9,100					8,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	140	1538.5	128	2	10	110	1358.0	100	1	9
Physician in hospital	138	98.6	127	2	9	110	100.0	100	1	9
Physician not in hospital										
Midwife, other, or unknown	2	1.4	1		1					
Stillbirths	1	7.1	1			2	17.9	2		
Physician in hospital	1	100.0	1			1	50.0	1		
Physician not in hospital						1	50.0	1		
Midwife, other, or unknown										
Total deaths, all causes	62	681.3	62			127	1567.9	127		
Deaths under 1 year	3	21.4	3			1	9.1	1		
Deaths under 1 month	2	14.3	2							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	11.0	1			1	12.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	142.9	13			22	271.6	22		
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	33.0	3			6	74.1	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	65.9	6			9	111.1	9		
Malignant neoplasm of breast (174-175)	2	22.0	2			1	12.3	1		
Malignant neoplasm of genital organs (179-187)						1	12.3	1		
Malignant neoplasm of urinary organs (188-189)						1	12.3	1		
Leukemia (204-208)						1	12.3	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	22.0	2			3	37.0	3		
Diabetes mellitus (250)						3	37.0	3		
Major cardiovascular diseases (390-448)	25	274.7	25			68	839.5	68		
Diseases of the heart (390-398, 402, 404-429)	21	230.8	21			50	617.3	50		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	11.0	1			1	12.3	1		
Ischemic heart disease (410-414)	17	186.8	17			43	530.9	43		
Other heart diseases (415-429)	3	33.0	3			6	74.1	6		
Hypertension with or without renal disease (401,403)	1	11.0	1			1	12.3	1		
Cerebrovascular disease (430-438)	2	22.0	2			14	172.8	14		
Arteriosclerosis (440)	1	11.0	1			1	12.3	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)						2	24.7	2		
Pneumonia and influenza (480-487)	1	11.0	1			8	98.8	8		
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	54.9	5			4	49.4	4		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						1	12.3	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	11.0	1			1	12.3	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	22.0	2							
Certain conditions originating in the perinatal period (760-779)	1	11.0	1							
Symptoms, signs, and ill-defined conditions (780-799)	1	11.0	1			1	12.3	1		
All other diseases (Residual)	7	76.9	7			11	135.8	11		
Motor vehicle accidents (E810-E825)	2	22.0	2			1	12.3	1		
All other accidents and adverse effects (E800-E807, E826-E949)						4	49.4	4		
Suicide (E950-E959)	3	33.0	3			1	12.3	1		
Homicide and legal intervention (E960-E978)						1	12.3	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	BRISTOW					BROKEN ARROW				
POPULATION	4,400					54,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	77	1750.0	49	12	16	1,084	2007.4	983	33	68
Physician in hospital	74	96.1	49	11	14	1,057	97.5	962	29	66
Physician not in hospital						1	.1		1	
Midwife, other, or unknown	3	3.9		1	2	26	2.4	21	3	2
Stillbirths						6	5.5	6		
Physician in hospital						6	100.0	6		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	91	2068.2	87	3	1	279	516.7	274	2	3
Deaths under 1 year	1	13.0	1			10	9.2	10		
Deaths under 1 month	1	13.0	1			5	4.6	5		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						3	5.6	2		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	409.1	17	1		69	127.8	68	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	136.4	5	1		19	35.2	19		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	68.2	3			17	31.5	17		
Malignant neoplasm of breast (174-175)	1	22.7	1			5	9.3	5		
Malignant neoplasm of genital organs (179-187)	2	45.5	2			5	9.3	5		
Malignant neoplasm of urinary organs (188-189)	1	22.7	1			3	5.6	3		
Leukemia (204-208)	2	45.5	2			3	5.6	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	68.2	3			17	31.5	16	1	
Diabetes mellitus (250)	2	45.5	2			4	7.4	4		
Major cardiovascular diseases (390-448)	48	1090.9	45	2	1	124	229.6	123	1	
Diseases of the heart (390-398, 402, 404-429)	39	886.4	37	1	1	106	196.3	106		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						2	3.7	2		
Ischemic heart disease (410-414)	29	659.1	29			77	142.6	77		
Other heart diseases (415-429)	10	227.3	8	1	1	27	50.0	27		
Hypertension with or without renal disease (401,403)						2	3.7	2		
Cerebrovascular disease (430-438)	6	136.4	5	1		11	20.4	10	1	
Arteriosclerosis (440)	1	22.7	1			4	7.4	4		
Other diseases of arteries, arterioles, and capillaries (441-448)	2	45.5	2			1	1.9	1		
Pneumonia and influenza (480-487)	2	45.5	2			5	9.3	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	68.2	3			5	9.3	5		
Ulcer of stomach and duodenum (531-533)	1	22.7	1			1	1.9	1		
Chronic liver disease and cirrhosis (571)						3	5.6	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	22.7	1			5	9.3	4		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	3.7	2		
Certain conditions originating in the perinatal period (760-779)	1	22.7	1			3	5.6	3		
Symptoms, signs, and ill-defined conditions (780-799)	1	22.7	1			5	9.3	5		
All other diseases (Residual)	9	204.5	9			34	63.0	33		1
Motor vehicle accidents (E810-E825)						4	7.4	4		
All other accidents and adverse effects (E800-E807, E826-E949)	2	45.5	2			5	9.3	5		
Suicide (E950-E959)	1	22.7	1			5	9.3	5		
Homicide and legal intervention (E960-E978)	2	45.5	2			2	3.7	2		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	BROKEN BOW					BURNS FLAT				
POPULATION	3,800					2,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	84	2210.5	54	8	22	19	703.7	19		
Physician in hospital	84	100.0	54	8	22	19	100.0	19		
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths						1	50.0	1		
Physician in hospital						1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	64	1684.2	51	7	6	1	37.0	1		
Deaths under 1 year	1	11.9		1						
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	52.6	2							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	315.8	10	2						
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	52.6	2							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	157.9	4	2						
Malignant neoplasm of breast (174-175)	1	26.3	1							
Malignant neoplasm of genital organs (179-187)	1	26.3	1							
Malignant neoplasm of urinary organs (188-189)	1	26.3	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	1	26.3	1							
Diabetes mellitus (250)	2	52.6	2							
Major cardiovascular diseases (390-448)	27	710.5	23	1	3	1	37.0	1		
Diseases of the heart (390-398, 402, 404-429)	25	657.9	22		3	1	37.0	1		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	26.3	1							
Ischemic heart disease (410-414)	13	342.1	12		1	1	37.0	1		
Other heart diseases (415-429)	11	289.5	9		2					
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	26.3		1						
Arteriosclerosis (440)	1	26.3	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	2	52.6	2							
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	26.3	1							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	26.3	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	78.9	3							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	26.3			1					
All other diseases (Residual)	8	210.5	5	3						
Motor vehicle accidents (E810-E825)	2	52.6			2					
All other accidents and adverse effects (E800-E807, E826-E949)	2	52.6	2							
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)	1	26.3		1						
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	CATOOSA					CHANDLER				
POPULATION	3,000					3,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	40	1333.3	34		6	59	1594.6	48	8	3
Physician in hospital	40	100.0	34		6	58	98.3	47	8	3
Physician not in hospital										
Midwife, other, or unknown						1	1.7	1		
Stillbirths						1	16.7		1	
Physician in hospital						1	100.0		1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	30	1000.0	29		1	60	1621.6	55	5	
Deaths under 1 year						2	33.9	2		
Deaths under 1 month						2	33.9	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	33.3	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	11	366.7	11			12	324.3	10	2	
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	66.7	2			1	27.0	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	100.0	3			3	81.1	2	1	
Malignant neoplasm of breast (174-175)						1	27.0	1		
Malignant neoplasm of genital organs (179-187)	1	33.3	1			3	81.1	2	1	
Malignant neoplasm of urinary organs (188-189)	1	33.3	1			1	27.0	1		
Leukemia (204-208)	1	33.3	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	3	100.0	3			3	81.1	3		
Diabetes mellitus (250)	1	33.3			1	1	27.0	1		
Major cardiovascular diseases (390-448)	12	400.0	12			30	810.8	28	2	
Diseases of the heart (390-398, 402, 404-429)	6	200.0	6			20	540.5	18	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	5	166.7	5			13	351.4	12	1	
Other heart diseases (415-429)	1	33.3	1			7	189.2	6	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	3	100.0	3			7	189.2	7		
Arteriosclerosis (440)	3	100.0	3			2	54.1	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	27.0	1		
Pneumonia and influenza (480-487)	1	33.3	1			3	81.1	2	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)						2	54.1	2		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	27.0	1		
Certain conditions originating in the perinatal period (760-779)						1	27.0	1		
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	1	33.3	1			5	135.1	5		
Motor vehicle accidents (E810-E825)	1	33.3	1			2	54.1	2		
All other accidents and adverse effects (E800-E807, E826-E949)	1	33.3	1			2	54.1	2		
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						1	27.0	1		
All other external causes (E980-E999)	1	33.3	1							

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	CHECOTAH					CHICKASHA				
POPULATION	3,400					15,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	50	1470.6	39	1	10	222	1396.2	191	19	12
Physician in hospital	49	98.0	38	1	10	222	100.0	191	19	12
Physician not in hospital										
Midwife, other, or unknown	1	2.0	1							
Stillbirths	1	19.6	1			1	4.5			1
Physician in hospital	1	100.0	1			1	100.0			1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	69	2029.4	56	10	3	216	1358.5	203	10	3
Deaths under 1 year	1	20.0			1	1	4.5	1		
Deaths under 1 month	1	20.0			1					
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	58.8	2			5	31.4	5		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	15	441.2	11	3	1	44	276.7	41	3	
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	88.2	2	1		13	81.8	12	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	88.2	2	1		17	106.9	16	1	
Malignant neoplasm of breast (174-175)	3	88.2	2	1		3	18.9	3		
Malignant neoplasm of genital organs (179-187)						2	12.6	2		
Malignant neoplasm of urinary organs (188-189)	2	58.8	1		1	1	6.3	1		
Leukemia (204-208)						3	18.9	2	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	4	117.6	4			5	31.4	5		
Diabetes mellitus (250)						2	12.6	2		
Major cardiovascular diseases (390-448)	33	970.6	25	7	1	110	691.8	104	5	1
Diseases of the heart (390-398, 402, 404-429)	32	941.2	24	7	1	80	503.1	77	3	
Rheumatic fever and rheumatic heart disease (390-398)						2	12.6	2		
Hypertensive heart disease with or without renal disease (402,404)						3	18.9	3		
Ischemic heart disease (410-414)	20	588.2	15	4	1	56	352.2	54	2	
Other heart diseases (415-429)	12	352.9	9	3		19	119.5	18	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	29.4	1			24	150.9	21	2	1
Arteriosclerosis (440)						4	25.2	4		
Other diseases of arterioes, arterioles, and capillaries (441-448)						2	12.6	2		
Pneumonia and influenza (480-487)	3	88.2	3			14	88.1	12		2
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	58.8	2			12	75.5	12		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						1	6.3	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	88.2	3			3	18.9	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	6.3	1		
All other diseases (Residual)	10	294.1	9		1	16	100.6	14	2	
Motor vehicle accidents (E810-E825)						3	18.9	3		
All other accidents and adverse effects (E800-E807, E826-E949)						4	25.2	4		
Suicide (E950-E959)	1	29.4	1			1	6.3	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	CHOCTAW 9,900					CLAREMORE 16,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	169	1707.1	157	4	8	250	1506.0	167	8	75
Physician in hospital	165	97.6	153	4	8	243	97.2	165	8	70
Physician not in hospital										
Midwife, other, or unknown	4	2.4	4			7	2.8	2		5
Stillbirths	4	23.1	4							
Physician in hospital	4	100.0	4							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	72	727.3	70	1	1	196	1180.7	175	4	17
Deaths under 1 year	1	5.9	1			1	4.0	1		
Deaths under 1 month	1	5.9	1			1	4.0	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	12.0	1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	17	171.7	17			41	247.0	38	1	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	20.2	2			9	54.2	8		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	9	90.9	9			14	84.3	14		
Malignant neoplasm of breast (174-175)						4	24.1	3	1	
Malignant neoplasm of genital organs (179-187)	2	20.2	2			2	12.0	2		
Malignant neoplasm of urinary organs (188-189)	1	10.1	1			3	18.1	3		
Leukemia (204-208)	1	10.1	1			1	6.0	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	20.2	2			8	48.2	7		1
Diabetes mellitus (250)	3	30.3	3			3	18.1	3		
Major cardiovascular diseases (390-448)	31	313.1	30	1		95	572.3	83	2	10
Diseases of the heart (390-398, 402, 404-429)	29	292.9	28	1		72	433.7	64	1	7
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						2	12.0	2		
Ischemic heart disease (410-414)	20	202.0	19	1		57	343.4	51		6
Other heart diseases (415-429)	9	90.9	9			13	78.3	11	1	1
Hypertension with or without renal disease (401,403)						1	6.0	1		
Cerebrovascular disease (430-438)	2	20.2	2			19	114.5	15	1	3
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)						3	18.1	3		
Pneumonia and influenza (480-487)	2	20.2	2			7	42.2	7		
Chronic obstructive pulmonary disease and allied conditions (490-496)						5	30.1	5		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						3	18.1	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)						5	30.1	4		1
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	6.0	1		
Congenital anomalies (740-759)	1	10.1	1							
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	6.0	1		
All other diseases (Residual)	8	80.8	7		1	19	114.5	17		2
Motor vehicle accidents (E810-E825)	3	30.3	3			6	36.1	6		
All other accidents and adverse effects (E800-E807, E826-E949)	3	30.3	3			5	30.1	4	1	
Suicide (E950-E959)	2	20.2	2			2	12.0	1		1
Homicide and legal intervention (E960-E978)	1	10.1	1							
All other external causes (E980-E999)	1	10.1	1			1	6.0	1		

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	CLEVELAND					CLINTON				
POPULATION	3,100					9,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	56	1806.5	52		4	151	1589.5	112	15	24
Physician in hospital	56	100.0	52		4	150	99.3	111	15	24
Physician not in hospital										
Midwife, other, or unknown						1	.7	1		
Stillbirths	2	34.5	2			2	13.1	2		
Physician in hospital	2	100.0	2			2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	68	2193.5	67	1		113	1189.5	97	3	13
Deaths under 1 year	1	17.9	1			3	19.9			3
Deaths under 1 month						1	6.6			1
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	21.1	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	580.6	18			21	221.1	18	1	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	64.5	2			5	52.6	3	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	193.5	6			5	52.6	5		
Malignant neoplasm of breast (174-175)	3	96.8	3			4	42.1	3		1
Malignant neoplasm of genital organs (179-187)	2	64.5	2			2	21.1	2		
Malignant neoplasm of urinary organs (188-189)	1	32.3	1			2	21.1	2		
Leukemia (204-208)	1	32.3	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	3	96.8	3			3	31.6	3		
Diabetes mellitus (250)						2	21.1	1		1
Major cardiovascular diseases (390-448)	36	1161.3	35	1		46	484.2	43	1	2
Diseases of the heart (390-398, 402, 404-429)	27	871.0	26	1		41	431.6	38	1	2
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	2	64.5	2			1	10.5	1		
Ischemic heart disease (410-414)	10	322.6	10			33	347.4	30	1	2
Other heart diseases (415-429)	15	483.9	14	1		7	73.7	7		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	129.0	4			5	52.6	5		
Arteriosclerosis (440)	4	129.0	4							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	32.3	1							
Pneumonia and influenza (480-487)	3	96.8	3			6	63.2	5		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	32.3	1			2	21.1	2		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						2	21.1		1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	32.3	1			1	10.5	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	10.5	1		
Certain conditions originating in the perinatal period (760-779)						2	21.1			2
Symptoms, signs, and ill-defined conditions (780-799)	2	64.5	2			2	21.1	1		1
All other diseases (Residual)	4	129.0	4			16	168.4	15		1
Motor vehicle accidents (E810-E825)	1	32.3	1			3	31.6	3		
All other accidents and adverse effects (E800-E807, E826-E949)	1	32.3	1			3	31.6	3		
Suicide (E950-E959)						1	10.5			1
Homicide and legal intervention (E960-E978)	1	32.3	1			2	21.1	1		1
All other external causes (E980-E999)						1	10.5	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	COLLINSVILLE 4,200					COMMERCE 2,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	82	1952.4	62	1	19	41	1708.3	30		11
Physician in hospital	79	96.3	62	1	16	40	97.6	30		10
Physician not in hospital										
Midwife, other, or unknown	3	3.7			3	1	2.4			1
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	56	1333.3	54		2	30	1250.0	25		5
Deaths under 1 year	1	12.2	1							
Deaths under 1 month	1	12.2	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	381.0	16			11	458.3	9		2
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	71.4	3			2	83.3	2		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	119.0	5			7	291.7	5		2
Malignant neoplasm of breast (174-175)	2	47.6	2			1	41.7	1		
Malignant neoplasm of genital organs (179-187)	3	71.4	3			1	41.7	1		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	3	71.4	3							
Diabetes mellitus (250)	1	23.8	1							
Major cardiovascular diseases (390-448)	26	619.0	26			14	583.3	12		2
Diseases of the heart (390-398, 402, 404-429)	21	500.0	21			11	458.3	11		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	14	333.3	14			10	416.7	10		
Other heart diseases (415-429)	7	166.7	7			1	41.7	1		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	2	47.6	2			2	83.3			2
Arteriosclerosis (440)	1	23.8	1							
Other diseases of arteries, arterioles, and capillaries (441-448)	2	47.6	2			1	41.7	1		
Pneumonia and influenza (480-487)	1	23.8	1			1	41.7	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)						1	41.7	1		
Ulcer of stomach and duodenum (531-533)	1	23.8	1							
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	47.6	2							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	23.8	1							
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	4	95.2	2		2					
Motor vehicle accidents (E810-E825)						1	41.7	1		
All other accidents and adverse effects (E800-E807, E826-E949)	4	95.2	4			2	83.3	1		1
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	NEW CORDELL					COWETA				
POPULATION	2,700					5,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	30	1111.1	28		2	120	2105.3	88	4	28
Physician in hospital............................	30	100.0	28		2	118	98.3	88	4	26
Physician not in hospital.......................										
Midwife, other, or unknown.....................						2	1.7			2
Stillbirths..										
Physician in hospital............................										
Physician not in hospital.......................										
Midwife, other, or unknown.....................										
Total deaths, all causes.........................	49	1814.8	49			49	859.6	41	7	1
Deaths under 1 year............................						2	16.7	2		
Deaths under 1 month...........................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						3	52.6	2	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	11	407.4	11			9	157.9	7	2	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	2	74.1	2			3	52.6	2	1	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	3	111.1	3			1	17.5	1		
Malignant neoplasm of breast ....(174-175)	3	111.1	3							
Malignant neoplasm of genital organs ....(179-187)	2	74.1	2			1	17.5	1		
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1	37.0	1			4	70.2	3	1	
Diabetes mellitus ....(250)	2	74.1	2			3	52.6	3		
Major cardiovascular diseases ....(390-448)	23	851.9	23			22	386.0	18	3	1
Diseases of the heart ....(390-398, 402, 404-429)	17	629.6	17			15	263.2	12	3	
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	13	481.5	13			11	193.0	8	3	
Other heart diseases ....(415-429)	4	148.1	4			4	70.2	4		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	4	148.1	4			6	105.3	5		1
Arteriosclerosis ....(440)	1	37.0	1							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	37.0	1			1	17.5	1		
Pneumonia and influenza ....(480-487)	1	37.0	1			3	52.6	3		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	3	111.1	3			1	17.5	1		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	1	37.0	1							
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	74.1	2			1	17.5	1		
Complications of pregnancy, childbirth,. and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	1	37.0	1			1	17.5	1		
All other diseases ....(Residual)	3	111.1	3			2	35.1	2		
Motor vehicle accidents ....(E810-E825)										
All other accidents and adverse effects ....(E800-E807, E826-E949)										
Suicide ....(E950-E959)	2	74.1	2			2	35.1	2		
Homicide and legal intervention ....(E960-E978)						2	35.1	1	1	
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	CUSHING 8,000					DAVIS 3,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	72	900.0	62	2	8	29	966.7	19	6	4
Physician in hospital	71	98.6	61	2	8	29	100.0	19	6	4
Physician not in hospital										
Midwife, other, or unknown	1	1.4	1							
Stillbirths						1	33.3	1		
Physician in hospital						1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	127	1587.5	117	9	1	40	1333.3	38		2
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	24	300.0	21	3		9	300.0	9		
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	112.5	7	2		2	66.7	2		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	62.5	5			1	33.3	1		
Malignant neoplasm of breast (174-175)	2	25.0	2			1	33.3	1		
Malignant neoplasm of genital organs (179-187)	3	37.5	3			2	66.7	2		
Malignant neoplasm of urinary organs (188-189)	1	12.5	1							
Leukemia (204-208)						2	66.7	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	4	50.0	3	1		1	33.3	1		
Diabetes mellitus (250)	1	12.5	1							
Major cardiovascular diseases (390-448)	65	812.5	62	2	1	14	466.7	14		
Diseases of the heart (390-398, 402, 404-429)	49	612.5	48		1	10	333.3	10		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	12.5	1							
Ischemic heart disease (410-414)	33	412.5	32		1	7	233.3	7		
Other heart diseases (415-429)	15	187.5	15			3	100.0	3		
Hypertension with or without renal disease (401,403)	1	12.5	1							
Cerebrovascular disease (430-438)	10	125.0	10			4	133.3	4		
Arteriosclerosis (440)	3	37.5	1	2						
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	25.0	2							
Pneumonia and influenza (480-487)	9	112.5	9			4	133.3	3		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	62.5	4	1		3	100.0	3		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	50.0	4			4	133.3	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	13	162.5	11	2		2	66.7	1		1
Motor vehicle accidents (E810-E825)	3	37.5	2	1						
All other accidents and adverse effects (E800-E807, E826-E949)	2	25.0	2			3	100.0	3		
Suicide (E950-E959)						1	33.3	1		
Homicide and legal intervention (E960-E978)	1	12.5	1							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	DEL CITY 24,800					DEWEY 3,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	338	1362.9	254	67	17	36	1000.0	33		3
Physician in hospital	332	98.2	248	67	17	34	94.4	32		2
Physician not in hospital						1	2.8	1		
Midwife, other, or unknown	6	1.8	6			1	2.8			1
Stillbirths	2	5.9	2							
Physician in hospital	2	100.0	2							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	187	754.0	180	5	2	56	1555.6	51	1	4
Deaths under 1 year	4	11.8	1	2	1					
Deaths under 1 month	3	8.9	1	1	1					
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	16.1	4			1	27.8			1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	49	197.6	47	1	1	11	305.6	10		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	36.3	8	1		1	27.8	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	17	68.5	17			3	83.3	3		
Malignant neoplasm of breast (174-175)	3	12.1	3			2	55.6	2		
Malignant neoplasm of genital organs (179-187)	6	24.2	6			2	55.6	2		
Malignant neoplasm of urinary organs (188-189)	2	8.1	2			1	27.8	1		
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	12	48.4	11		1	2	55.6	1		1
Diabetes mellitus (250)	6	24.2	6			2	55.6	2		
Major cardiovascular diseases (390-448)	77	310.5	75	2		20	555.6	18	1	1
Diseases of the heart (390-398, 402, 404-429)	62	250.0	61	1		18	500.0	16	1	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	27.8	1		
Ischemic heart disease (410-414)	38	153.2	37	1		9	250.0	8		1
Other heart diseases (415-429)	24	96.8	24			8	222.2	7	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	12	48.4	11	1						
Arteriosclerosis (440)	2	8.1	2			1	27.8	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	4.0	1			1	27.8	1		
Pneumonia and influenza (480-487)	5	20.2	5			2	55.6	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	36.3	9			4	111.1	4		
Ulcer of stomach and duodenum (531-533)	1	4.0	1							
Chronic liver disease and cirrhosis (571)	2	8.1	2							
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	4.0	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	4.0	1			1	27.8	1		
Certain conditions originating in the perinatal period (760-779)	3	12.1	1	1	1					
Symptoms, signs, and ill-defined conditions (780-799)	1	4.0		1		2	55.6	2		
All other diseases (Residual)	14	56.5	14			7	194.4	7		
Motor vehicle accidents (E810-E825)	8	32.3	8							
All other accidents and adverse effects (E800-E807, E826-E949)	2	8.1	2			3	83.3	2		1
Suicide (E950-E959)	2	8.1	2			2	55.6	2		
Homicide and legal intervention (E960-E978)	2	8.1	2			1	27.8	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	DRUMRIGHT 2,700					DUNCAN 21,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	33	1222.2	26	1	6	292	1377.4	262	19	11
Physician in hospital	32	97.0	26	1	5	291	99.7	261	19	11
Physician not in hospital						1	.3	1		
Midwife, other, or unknown	1	3.0			1					
Stillbirths						2	6.8	1	1	
Physician in hospital						2	100.0	1	1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	41	1518.5	41			253	1193.4	241	12	
Deaths under 1 year	1	30.3	1							
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	8	296.3	8			62	292.5	58	4	
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	74.1	2			16	75.5	14	2	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	74.1	2			11	51.9	11		
Malignant neoplasm of breast (174-175)	1	37.0	1			7	33.0	7		
Malignant neoplasm of genital organs (179-187)						11	51.9	11		
Malignant neoplasm of urinary organs (188-189)	1	37.0	1			5	23.6	4	1	
Leukemia (204-208)	1	37.0	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	1	37.0	1			12	56.6	11	1	
Diabetes mellitus (250)	2	74.1	2			6	28.3	5	1	
Major cardiovascular diseases (390-448)	19	703.7	19			121	570.8	117	4	
Diseases of the heart (390-398, 402, 404-429)	18	666.7	18			90	424.5	87	3	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	37.0	1			1	4.7	1		
Ischemic heart disease (410-414)	8	296.3	8			62	292.5	61	1	
Other heart diseases (415-429)	9	333.3	9			27	127.4	25	2	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	37.0	1			24	113.2	23	1	
Arteriosclerosis (440)						4	18.9	4		
Other diseases of arterioes, arterioles, and capillaries (441-448)						3	14.2	3		
Pneumonia and influenza (480-487)	2	74.1	2			16	75.5	16		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	74.1	2			13	61.3	13		
Ulcer of stomach and duodenum (531-533)						1	4.7		1	
Chronic liver disease and cirrhosis (571)	1	37.0	1			1	4.7	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)						1	4.7	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	37.0	1							
All other diseases (Residual)	5	185.2	5			22	103.8	21	1	
Motor vehicle accidents (E810-E825)										
All other accidents and adverse effects (E800-E807, E826-E949)	1	37.0	1			6	28.3	6		
Suicide (E950-E959)						3	14.2	3		
Homicide and legal intervention (E960-E978)						1	4.7		1	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	DURANT					EDMOND				
POPULATION	13,500					52,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	205	1518.5	166	4	35	901	1703.2	845	41	15
Physician in hospital	205	100.0	166	4	35	885	98.2	829	41	15
Physician not in hospital										
Midwife, other, or unknown						16	1.8	16		
Stillbirths	1	4.9	1			6	6.6	6		
Physician in hospital	1	100.0	1			6	100.0	6		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	160	1185.2	158		2	284	536.9	279	3	2
Deaths under 1 year	3	14.6	3			3	3.3	3		
Deaths under 1 month	3	14.6	3			2	2.2	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	3.8	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	40	296.3	40			56	105.9	56		
Malignant neoplasm of digestive organs and peritoneum (150-159)	10	74.1	10			10	18.9	10		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	51.9	7			21	39.7	21		
Malignant neoplasm of breast (174-175)	2	14.8	2			4	7.6	4		
Malignant neoplasm of genital organs (179-187)	4	29.6	4			4	7.6	4		
Malignant neoplasm of urinary organs (188-189)	2	14.8	2							
Leukemia (204-208)	3	22.2	3			3	5.7	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	12	88.9	12			14	26.5	14		
Diabetes mellitus (250)	2	14.8	2			4	7.6	4		
Major cardiovascular diseases (390-448)	72	533.3	71		1	125	236.3	121	3	1
Diseases of the heart (390-398, 402, 404-429)	53	392.6	52		1	89	168.2	88	1	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	1.9	1		
Ischemic heart disease (410-414)	40	296.3	39		1	47	88.8	46	1	
Other heart diseases (415-429)	13	96.3	13			41	77.5	41		
Hypertension with or without renal disease (401,403)	2	14.8	2			1	1.9	1		
Cerebrovascular disease (430-438)	9	66.7	9			28	52.9	26	1	1
Arteriosclerosis (440)	6	44.4	6			5	9.5	5		
Other diseases of arteries, arterioles, and capillaries (441-448)	2	14.8	2			2	3.8	1	1	
Pneumonia and influenza (480-487)	14	103.7	14			14	26.5	13		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	37.0	5			19	35.9	19		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	2	14.8	2			2	3.8	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	7.4	1			5	9.5	5		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	3	22.2	3			3	5.7	3		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						3	5.7	3		
All other diseases (Residual)	14	103.7	13		1	30	56.7	30		
Motor vehicle accidents (E810-E825)	3	22.2	3			9	17.0	9		
All other accidents and adverse effects (E800-E807, E826-E949)	2	14.8	2			4	7.6	4		
Suicide (E950-E959)	2	14.8	2			7	13.2	7		
Homicide and legal intervention (E960-E978)						1	1.9	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	EL RENO 16,200					ELK CITY 10,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	184	1135.8	143	15	26	175	1635.5	156	7	12
Physician in hospital	181	98.4	140	15	26	174	99.4	155	7	12
Physician not in hospital	2	1.1	2							
Midwife, other, or unknown	1	.5	1			1	.6	1		
Stillbirths	1	5.4	1			3	16.9	3		
Physician in hospital	1	100.0	1			3	100.0	3		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	159	981.5	136	17	6	134	1252.3	127	4	3
Deaths under 1 year	1	5.4	1			2	11.4	2		
Deaths under 1 month						2	11.4	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	12.3	1		1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	28	172.8	24	3	1	29	271.0	28	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	37.0	5	1		5	46.7	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	11	67.9	8	2	1	9	84.1	8	1	
Malignant neoplasm of breast (174-175)	6	37.0	6			3	28.0	3		
Malignant neoplasm of genital organs (179-187)	3	18.5	3			2	18.7	2		
Malignant neoplasm of urinary organs (188-189)						3	28.0	3		
Leukemia (204-208)	1	6.2	1			1	9.3	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	6.2	1			6	56.1	6		
Diabetes mellitus (250)	5	30.9	2	2	1	2	18.7	2		
Major cardiovascular diseases (390-448)	91	561.7	79	11	1	57	532.7	55	2	
Diseases of the heart (390-398, 402, 404-429)	68	419.8	58	9	1	45	420.6	43	2	
Rheumatic fever and rheumatic heart disease (390-398)						1	9.3	1		
Hypertensive heart disease with or without renal disease (402,404)	2	12.3	2			2	18.7	2		
Ischemic heart disease (410-414)	41	253.1	36	4	1	38	355.1	36	2	
Other heart diseases (415-429)	25	154.3	20	5		4	37.4	4		
Hypertension with or without renal disease (401,403)						1	9.3	1		
Cerebrovascular disease (430-438)	17	104.9	15	2		9	84.1	9		
Arteriosclerosis (440)	4	24.7	4			1	9.3	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	12.3	2			1	9.3	1		
Pneumonia and influenza (480-487)	5	30.9	5			6	56.1	5		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	55.6	9			6	56.1	6		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	4	24.7	4			2	18.7	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	6.2	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	9.3	1		
Certain conditions originating in the perinatal period (760-779)						1	9.3	1		
Symptoms, signs, and ill-defined conditions (780-799)	2	12.3	1		1					
All other diseases (Residual)	6	37.0	5		1	15	140.2	13		2
Motor vehicle accidents (E810-E825)						7	65.4	7		
All other accidents and adverse effects (E800-E807, E826-E949)	3	18.5	3			5	46.7	5		
Suicide (E950-E959)	2	12.3	2			2	18.7	2		
Homicide and legal intervention (E960-E978)	1	6.2		1		1	9.3		1	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	ENID					EUFAULA				
POPULATION	46,600					3,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	717	1538.6	645	48	24	24	685.7	12		12
Physician in hospital..........................	713	99.4	644	45	24	19	79.2	12		7
Physician not in hospital......................	1	.1		1						
Midwife, other, or unknown.....................	3	.4	1	2		5	20.8			5
Stillbirths..	4	5.5	4							
Physician in hospital..........................	4	100.0	4							
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	521	1118.0	502	18	1	62	1771.4	50	9	3
Deaths under 1 year............................	5	7.0	5							
Deaths under 1 month...........................	3	4.2	3							
Tuberculosis ....(010-018)	2	4.3	2							
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	7	15.0	5	2		2	57.1	1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	111	238.2	108	3		14	400.0	11	2	1
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	25	53.6	25			4	114.3	3		1
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	26	55.8	26			1	28.6	1		
Malignant neoplasm of breast ....(174-175)	13	27.9	11	2		2	57.1	2		
Malignant neoplasm of genital organs ....(179-187)	12	25.8	12							
Malignant neoplasm of urinary organs .(188-189)	3	6.4	3			1	28.6	1		
Leukemia ....(204-208)	7	15.0	7							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	25	53.6	24	1		6	171.4	4	2	
Diabetes mellitus ....(250)	10	21.5	10			2	57.1	1	1	
Major cardiovascular diseases ....(390-448)	267	573.0	258	9		21	600.0	18	2	1
Diseases of the heart ....(390-398, 402, 404-429)	200	429.2	193	7		19	542.9	16	2	1
Rheumatic fever and rheumatic heart disease ....(390-398)	1	2.1		1						
Hypertensive heart disease with or without renal disease ....(402,404)						1	28.6		1	
Ischemic heart disease ....(410-414)	136	291.8	131	5		11	314.3	10	1	
Other heart diseases ....(415-429)	63	135.2	62	1		7	200.0	6		1
Hypertension with or without renal disease ....(401,403)	2	4.3	2							
Cerebrovascular disease ....(430-438)	48	103.0	46	2		2	57.1	2		
Arteriosclerosis ....(440)	7	15.0	7							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	10	21.5	10							
Pneumonia and influenza ....(480-487)	17	36.5	17			4	114.3	4		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	14	30.0	14			2	57.1	2		
Ulcer of stomach and duodenum ....(531-533)	3	6.4	3							
Chronic liver disease and cirrhosis ....(571)	6	12.9	5		1	1	28.6			1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	10	21.5	9	1		2	57.1	1	1	
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	4	8.6	4							
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	3	6.4	2	1						
All other diseases ....(Residual)	43	92.3	42	1		11	314.3	9	2	
Motor vehicle accidents ....(E810-E825)	6	12.9	5	1						
All other accidents and adverse effects ....(E800-E807, E826-E949)	10	21.5	10			3	85.7	3		
Suicide ....(E950-E959)	5	10.7	5							
Homicide and legal intervention ....(E960-E978)	2	4.3	2							
All other external causes ....(E980-E999)	1	2.1	1							

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	FAIRVIEW 3,000					FORT GIBSON 3,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	41	1366.7	41			60	1935.5	39	3	18
Physician in hospital	41	100.0	41			56	93.3	39	3	14
Physician not in hospital										
Midwife, other, or unknown						4	6.7			4
Stillbirths	1	23.8	1			1	16.4			1
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown						1	100.0			1
Total deaths, all causes	39	1300.0	39			32	1032.3	28	3	1
Deaths under 1 year						1	16.7		1	
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	32.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5	166.7	5			10	322.6	8	2	
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	33.3	1			1	32.3	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	66.7	2			5	161.3	3	2	
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)						1	32.3	1		
Malignant neoplasm of urinary organs (188-189)						1	32.3	1		
Leukemia (204-208)	2	66.7	2							
Other malignant neoplasms (140-149, 170-173, 190-203)						2	64.5	2		
Diabetes mellitus (250)	1	33.3	1							
Major cardiovascular diseases (390-448)	23	766.7	23			10	322.6	10		
Diseases of the heart (390-398, 402, 404-429)	19	633.3	19			8	258.1	8		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	11	366.7	11			4	129.0	4		
Other heart diseases (415-429)	8	266.7	8			4	129.0	4		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	133.3	4			2	64.5	2		
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	4	133.3	4							
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	33.3	1							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	33.3	1			2	64.5	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	33.3	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	3	100.0	3			6	193.5	4	1	1
Motor vehicle accidents (E810-E825)						1	32.3	1		
All other accidents and adverse effects (E800-E807, E826-E949)						2	64.5	2		
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	FREDERICK 5,500					GLENPOOL 5,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	97	1763.6	78	12	7	132	2490.6	109	4	19
Physician in hospital	95	97.9	77	12	6	126	95.5	104	4	18
Physician not in hospital	1	1.0	1							
Midwife, other, or unknown	1	1.0			1	6	4.5	5		1
Stillbirths	1	10.2			1	3	22.2	2		1
Physician in hospital	1	100.0			1	3	100.0	2		1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	82	1490.9	67	14	1	24	452.8	21		3
Deaths under 1 year	1	10.3	1			1	7.6	1		
Deaths under 1 month	1	10.3	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	236.4	11	2		6	113.2	6		
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	36.4	1	1		4	75.5	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	54.5	3			1	18.9	1		
Malignant neoplasm of breast (174-175)	2	36.4	2							
Malignant neoplasm of genital organs (179-187)	1	18.2	1			1	18.9	1		
Malignant neoplasm of urinary organs (188-189)	2	36.4	2							
Leukemia (204-208)	1	18.2	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	2	36.4	1	1						
Diabetes mellitus (250)	2	36.4	1	1						
Major cardiovascular diseases (390-448)	46	836.4	41	5		10	188.7	8		2
Diseases of the heart (390-398, 402, 404-429)	41	745.5	36	5		9	169.8	7		2
Rheumatic fever and rheumatic heart disease (390-398)	1	18.2	1							
Hypertensive heart disease with or without renal disease (402,404)						2	37.7	1		1
Ischemic heart disease (410-414)	33	600.0	29	4		5	94.3	4		1
Other heart diseases (415-429)	7	127.3	6	1		2	37.7	2		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	72.7	4			1	18.9	1		
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	18.2	1							
Pneumonia and influenza (480-487)	3	54.5	3			1	18.9	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	54.5	2	1		1	18.9	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	18.2	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	18.2	1							
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	5	90.9	3	2		3	56.6	3		
Motor vehicle accidents (E810-E825)	2	36.4		1	1					
All other accidents and adverse effects (E800-E807, E826-E949)	3	54.5	2	1		2	37.7	1		1
Suicide (E950-E959)	1	18.2	1			1	18.9	1		
Homicide and legal intervention (E960-E978)	2	36.4	1	1						
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	GROVE 4,500					GUTHRIE 11,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	66	1466.7	52		14	148	1265.0	112	31	5
Physician in hospital............................	65	98.5	52		13	145	98.0	109	31	5
Physician not in hospital........................										
Midwife, other, or unknown......................	1	1.5			1	3	2.0	3		
Stillbirths..						3	19.9	2		1
Physician in hospital............................						3	100.0	2		1
Physician not in hospital........................										
Midwife, other, or unknown......................										
Total deaths, all causes..........................	99	2200.0	93		6	196	1675.2	171	25	
Deaths under 1 year..............................	1	15.2			1	1	6.8	1		
Deaths under 1 month.............................						1	6.8	1		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						4	34.2	4		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	20	444.4	20			39	333.3	32	7	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	3	66.7	3			7	59.8	6	1	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	11	244.4	11			11	94.0	11		
Malignant neoplasm of breast ....(174-175)	2	44.4	2			2	17.1	1	1	
Malignant neoplasm of genital organs ....(179-187)	1	22.2	1			8	68.4	6	2	
Malignant neoplasm of urinary organs .(188-189)						2	17.1	1	1	
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	3	66.7	3			9	76.9	7	2	
Diabetes mellitus ....(250)										
Major cardiovascular diseases ....(390-448)	53	1177.8	50		3	115	982.9	103	12	
Diseases of the heart ....(390-398, 402, 404-429)	35	777.8	33		2	90	769.2	81	9	
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	18	400.0	18			73	623.9	66	7	
Other heart diseases ....(415-429)	17	377.8	15		2	17	145.3	15	2	
Hypertension with or without renal disease ....(401,403)						1	8.5		1	
Cerebrovascular disease ....(430-438)	12	266.7	12			20	170.9	18	2	
Arteriosclerosis ....(440)	6	133.3	5		1	2	17.1	2		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)						2	17.1	2		
Pneumonia and influenza ....(480-487)	4	88.9	3		1	10	85.5	9	1	
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	2	44.4	2			4	34.2	4		
Ulcer of stomach and duodenum ....(531-533)						1	8.5	1		
Chronic liver disease and cirrhosis ....(571)	1	22.2	1			1	8.5		1	
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	44.4	2			2	17.1	2		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)						1	8.5		1	
Congenital anomalies ....(740-759)	1	22.2			1	1	8.5	1		
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	13	288.9	13			10	85.5	7	3	
Motor vehicle accidents ....(E810-E825)	2	44.4	1		1	1	8.5	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	22.2	1			3	25.6	3		
Suicide ....(E950-E959)						4	34.2	4		
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	GUYMON 8,100					HARRAH 5,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	116	1432.1	110	2	4	84	1448.3	76	2	6
Physician in hospital	116	100.0	110	2	4	83	98.8	75	2	6
Physician not in hospital										
Midwife, other, or unknown						1	1.2	1		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	70	864.2	70			50	862.1	50		
Deaths under 1 year	1	8.6	1			1	11.9	1		
Deaths under 1 month	1	8.6	1			1	11.9	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	197.5	16			16	275.9	16		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	49.4	4			1	17.2	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	61.7	5			5	86.2	5		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)	2	24.7	2			5	86.2	5		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	17.2	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	5	61.7	5			4	69.0	4		
Diabetes mellitus (250)	1	12.3	1			2	34.5	2		
Major cardiovascular diseases (390-448)	35	432.1	35			20	344.8	20		
Diseases of the heart (390-398, 402, 404-429)	24	296.3	24			16	275.9	16		
Rheumatic fever and rheumatic heart disease (390-398)	1	12.3	1			1	17.2	1		
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	17	209.9	17			8	137.9	8		
Other heart diseases (415-429)	6	74.1	6			7	120.7	7		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	10	123.5	10			3	51.7	3		
Arteriosclerosis (440)	1	12.3	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	17.2	1		
Pneumonia and influenza (480-487)	2	24.7	2							
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	61.7	5			1	17.2	1		
Ulcer of stomach and duodenum (531-533)	1	12.3	1							
Chronic liver disease and cirrhosis (571)						1	17.2	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	12.3	1							
Certain conditions originating in the perinatal period (760-779)	1	12.3	1			1	17.2	1		
Symptoms, signs, and ill-defined conditions (780-799)	1	12.3	1							
All other diseases (Residual)	4	49.4	4			4	69.0	4		
Motor vehicle accidents (E810-E825)	1	12.3	1			3	51.7	3		
All other accidents and adverse effects (E800-E807, E826-E949)	1	12.3	1			1	17.2	1		
Suicide (E950-E959)	1	12.3	1			1	17.2	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	HEALDTON					HEAVENER				
POPULATION	3,500					2,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	29	828.6	28		1	47	1678.6	37		10
Physician in hospital	29	100.0	28		1	46	97.9	37		9
Physician not in hospital										
Midwife, other, or unknown						1	2.1			1
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	42	1200.0	42			76	2714.3	75		1
Deaths under 1 year						3	63.8	3		
Deaths under 1 month						1	21.3	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	28.6	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	8	228.6	8			18	642.9	18		
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	57.1	2			4	142.9	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	114.3	4			4	142.9	4		
Malignant neoplasm of breast (174-175)	1	28.6	1			2	71.4	2		
Malignant neoplasm of genital organs (179-187)						1	35.7	1		
Malignant neoplasm of urinary organs (188-189)						2	71.4	2		
Leukemia (204-208)	1	28.6	1			1	35.7	1		
Other malignant neoplasms (140-149, 170-173, 190-203)						4	142.9	4		
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	25	714.3	25			30	1071.4	29		1
Diseases of the heart (390-398, 402, 404-429)	22	628.6	22			26	928.6	25		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	20	571.4	20			18	642.9	18		
Other heart diseases (415-429)	2	57.1	2			8	285.7	7		1
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	28.6	1			3	107.1	3		
Arteriosclerosis (440)						1	35.7	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	57.1	2							
Pneumonia and influenza (480-487)	2	57.1	2			7	250.0	7		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	28.6	1			4	142.9	4		
Ulcer of stomach and duodenum (531-533)						1	35.7	1		
Chronic liver disease and cirrhosis (571)						1	35.7	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	28.6	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						1	35.7	1		
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	2	57.1	2			9	321.4	9		
Motor vehicle accidents (E810-E825)						2	71.4	2		
All other accidents and adverse effects (E800-E807, E826-E949)	1	28.6	1			3	107.1	3		
Suicide (E950-E959)	1	28.6	1							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	HENRYETTA 6,000					HOBART 4,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	75	1250.0	54	1	20	71	1613.6	51	13	7
Physician in hospital	73	97.3	52	1	20	71	100.0	51	13	7
Physician not in hospital										
Midwife, other, or unknown	2	2.7	2							
Stillbirths	2	26.0	2			1	13.9	1		
Physician in hospital	2	100.0	2			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	112	1866.7	107	1	4	86	1954.5	79	7	
Deaths under 1 year						2	28.2	2		
Deaths under 1 month						2	28.2	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	50.0	3			1	22.7	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	17	283.3	16	1		22	500.0	19	3	
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	33.3	1	1		4	90.9	3	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	9	150.0	9			9	204.5	7	2	
Malignant neoplasm of breast (174-175)	2	33.3	2			3	68.2	3		
Malignant neoplasm of genital organs (179-187)						1	22.7	1		
Malignant neoplasm of urinary organs (188-189)						1	22.7	1		
Leukemia (204-208)	1	16.7	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	3	50.0	3			4	90.9	4		
Diabetes mellitus (250)	2	33.3			2	3	68.2	3		
Major cardiovascular diseases (390-448)	58	966.7	57		1	37	840.9	36	1	
Diseases of the heart (390-398, 402, 404-429)	48	800.0	47		1	34	772.7	33	1	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	22.7	1		
Ischemic heart disease (410-414)	40	666.7	39		1	21	477.3	20	1	
Other heart diseases (415-429)	8	133.3	8			12	272.7	12		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	7	116.7	7			3	68.2	3		
Arteriosclerosis (440)	2	33.3	2							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	16.7	1							
Pneumonia and influenza (480-487)	8	133.3	8			3	68.2	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	66.7	4			4	90.9	4		
Ulcer of stomach and duodenum (531-533)	3	50.0	3			1	22.7	1		
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	33.3	2			2	45.5	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	22.7	1		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	10	166.7	9		1	7	159.1	6	1	
Motor vehicle accidents (E810-E825)	2	33.3	2							
All other accidents and adverse effects (E800-E807, E826-E949)	2	33.3	2			2	45.5	2		
Suicide (E950-E959)						2	45.5	1	1	
Homicide and legal intervention (E960-E978)	1	16.7	1			1	22.7		1	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	HOLDENVILLE					HOLLIS				
POPULATION	4,900					2,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births......................................	51	1040.8	29	3	19	42	1500.0	36	4	2
Physician in hospital..........................	51	100.0	29	3	19	42	100.0	36	4	2
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Stillbirths......................................										
Physician in hospital..........................										
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes.........................	103	2102.0	96	1	6	46	1642.9	41	5	
Deaths under 1 year............................						4	95.2	2	2	
Deaths under 1 month...........................						2	47.6	2		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	20.4	1			1	35.7	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	21	428.6	19		2	3	107.1	3		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	6	122.4	5		1					
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	8	163.3	8			2	71.4	2		
Malignant neoplasm of breast ....(174-175)										
Malignant neoplasm of genital organs ....(179-187)	2	40.8	2							
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	5	102.0	4		1	1	35.7	1		
Diabetes mellitus ....(250)	6	122.4	5		1					
Major cardiovascular diseases ....(390-448)	48	979.6	46	1	1	29	1035.7	26	3	
Diseases of the heart ....(390-398, 402, 404-429)	39	795.9	38	1		25	892.9	22	3	
Rheumatic fever and rheumatic heart disease ....(390-398)	1	20.4	1							
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	30	612.2	29	1		23	821.4	21	2	
Other heart diseases ....(415-429)	8	163.3	8			2	71.4	1	1	
Hypertension with or without renal disease ....(401,403)	1	20.4	1							
Cerebrovascular disease ....(430-438)	6	122.4	5		1	4	142.9	4		
Arteriosclerosis ....(440)	1	20.4	1							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	20.4	1							
Pneumonia and influenza ....(480-487)	6	122.4	5		1	2	71.4	2		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	5	102.0	5			2	71.4	2		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	6	122.4	5		1					
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						1	35.7	1		
Certain conditions originating in the perinatal period ....(760-779)						1	35.7	1		
Symptoms, signs, and ill-defined conditions ....(780-799)						2	71.4		2	
All other diseases ....(Residual)	6	122.4	6			4	142.9	4		
Motor vehicle accidents ....(E810-E825)						1	35.7	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	3	61.2	3							
Suicide ....(E950-E959)	1	20.4	1							
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	HOMINY					HUGO				
POPULATION	3,100					6,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	47	1516.1	31	3	13	107	1621.2	57	31	19
Physician in hospital	47	100.0	31	3	13	105	98.1	56	31	18
Physician not in hospital										
Midwife, other, or unknown						2	1.9	1		1
Stillbirths						3	27.3		2	1
Physician in hospital						3	100.0		2	1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	51	1645.2	45	1	5	130	1969.7	110	16	4
Deaths under 1 year						2	18.7	2		
Deaths under 1 month						1	9.3	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	64.5	2			2	30.3	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	516.1	15	1		21	318.2	17	2	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	7	225.8	7			6	90.9	5	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	64.5	2			6	90.9	5	1	
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)	3	96.8	2	1		4	60.6	4		
Malignant neoplasm of urinary organs (188-189)	1	32.3	1			1	15.2			1
Leukemia (204-208)						2	30.3	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	96.8	3			2	30.3	1		1
Diabetes mellitus (250)						1	15.2	1		
Major cardiovascular diseases (390-448)	17	548.4	15		2	63	954.5	55	6	2
Diseases of the heart (390-398, 402, 404-429)	16	516.1	15		1	57	863.6	49	6	2
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	10	322.6	9		1	35	530.3	32	1	2
Other heart diseases (415-429)	6	193.5	6			22	333.3	17	5	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	32.3			1	4	60.6	4		
Arteriosclerosis (440)						2	30.3	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	5	161.3	5			13	197.0	11	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	96.8	3							
Ulcer of stomach and duodenum (531-533)						1	15.2	1		
Chronic liver disease and cirrhosis (571)	2	64.5	1		1	3	45.5	2	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	64.5	1		1	3	45.5	2	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						1	15.2	1		
Symptoms, signs, and ill-defined conditions (780-799)						2	30.3	2		
All other diseases (Residual)	2	64.5	2			11	166.7	9	2	
Motor vehicle accidents (E810-E825)	1	32.3			1	2	30.3	1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	1	32.3	1			6	90.9	5	1	
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						1	15.2	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	IDABEL					JAY				
POPULATION	7,800					2,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	145	1859.0	76	48	21	39	1444.4	12		27
Physician in hospital	144	99.3	75	48	21	38	97.4	12		26
Physician not in hospital										
Midwife, other, or unknown	1	.7	1			1	2.6			1
Stillbirths	1	6.8	1							
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	95	1217.9	61	28	6	39	1444.4	35		4
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	12.8	1			1	37.0	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	19	243.6	11	7	1	6	222.2	6		
Malignant neoplasm of digestive organs and peritoneum (150-159)	8	102.6	3	4	1	1	37.0	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	64.1	3	2		3	111.1	3		
Malignant neoplasm of breast (174-175)	1	12.8	1			1	37.0	1		
Malignant neoplasm of genital organs (179-187)	3	38.5	2	1						
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	1	12.8	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	1	12.8	1			1	37.0	1		
Diabetes mellitus (250)	2	25.6	1	1		1	37.0	1		
Major cardiovascular diseases (390-448)	54	692.3	37	15	2	23	851.9	20		3
Diseases of the heart (390-398, 402, 404-429)	43	551.3	29	13	1	21	777.8	18		3
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	12.8	1							
Ischemic heart disease (410-414)	34	435.9	23	10	1	8	296.3	7		1
Other heart diseases (415-429)	8	102.6	5	3		13	481.5	11		2
Hypertension with or without renal disease (401,403)	1	12.8		1						
Cerebrovascular disease (430-438)	8	102.6	7	1		2	74.1	2		
Arteriosclerosis (440)	1	12.8			1					
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	12.8	1							
Pneumonia and influenza (480-487)	2	25.6	1	1		1	37.0	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	12.8	1			2	74.1	2		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	2	25.6	1		1					
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	12.8	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	12.8		1						
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	7	89.7	4	3						
Motor vehicle accidents (E810-E825)	2	25.6	2			1	37.0	1		
All other accidents and adverse effects (E800-E807, E826-E949)						3	111.1	2		1
Suicide (E950-E959)	1	12.8	1			1	37.0	1		
Homicide and legal intervention (E960-E978)	2	25.6			2					
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	JENKS					JONES				
POPULATION	7,400					2,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	97	1310.8	92		5	51	1821.4	41	7	3
Physician in hospital	96	99.0	91		5	50	98.0	40	7	3
Physician not in hospital						1	2.0	1		
Midwife, other, or unknown	1	1.0	1							
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	51	689.2	51			35	1250.0	30	5	
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	27.0	2							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	9	121.6	9			7	250.0	6	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	40.5	3							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	27.0	2			1	35.7	1		
Malignant neoplasm of breast (174-175)						2	71.4	2		
Malignant neoplasm of genital organs (179-187)	1	13.5	1			2	71.4	1	1	
Malignant neoplasm of urinary organs (188-189)	1	13.5	1							
Leukemia (204-208)						1	35.7	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	27.0	2			1	35.7	1		
Diabetes mellitus (250)	2	27.0	2			1	35.7	1		
Major cardiovascular diseases (390-448)	17	229.7	17			18	642.9	15	3	
Diseases of the heart (390-398, 402, 404-429)	12	162.2	12			15	535.7	13	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	35.7	1		
Ischemic heart disease (410-414)	11	148.6	11			7	250.0	7		
Other heart diseases (415-429)	1	13.5	1			7	250.0	5	2	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	54.1	4			2	71.4	2		
Arteriosclerosis (440)	1	13.5	1			1	35.7		1	
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	1	13.5	1			2	71.4	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	81.1	6			4	142.9	3	1	
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	13.5	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	13.5	1			1	35.7	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	9	121.6	9			1	35.7	1		
Motor vehicle accidents (E810-E825)	1	13.5	1							
All other accidents and adverse effects (E800-E807, E826-E949)	1	13.5	1							
Suicide (E950-E959)	1	13.5	1			1	35.7	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	KINGFISHER					LAWTON				
POPULATION	4,500					83,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	66	1466.7	62	2	2	1,872	2236.6	1,273	507	92
Physician in hospital	66	100.0	62	2	2	1,864	99.6	1,268	504	92
Physician not in hospital						3	.2	1	2	
Midwife, other, or unknown						5	.3	4	1	
Stillbirths						16	8.5	13	3	
Physician in hospital						16	100.0	13	3	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	61	1355.6	57	3	1	578	690.6	474	91	13
Deaths under 1 year						10	5.3	7	3	
Deaths under 1 month						4	2.1	4		
Tuberculosis (010-018)						2	2.4	2		
Syphilis (090-097)						1	1.2	1		
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	22.2			1	6	7.2	3	3	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	288.9	13			131	156.5	112	17	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	44.4	2			35	41.8	28	6	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	177.8	8			34	40.6	31	3	
Malignant neoplasm of breast (174-175)						14	16.7	12	2	
Malignant neoplasm of genital organs (179-187)	3	66.7	3			16	19.1	12	3	1
Malignant neoplasm of urinary organs (188-189)						3	3.6	2	1	
Leukemia (204-208)						7	8.4	6	1	
Other malignant neoplasms (140-149, 170-173, 190-203)						22	26.3	21	1	
Diabetes mellitus (250)						10	11.9	9		1
Major cardiovascular diseases (390-448)	33	733.3	30	3		242	289.1	193	43	6
Diseases of the heart (390-398, 402, 404-429)	28	622.2	25	3		196	234.2	157	34	5
Rheumatic fever and rheumatic heart disease (390-398)						1	1.2		1	
Hypertensive heart disease with or without renal disease (402,404)						4	4.8	3	1	
Ischemic heart disease (410-414)	23	511.1	21	2		136	162.5	121	14	1
Other heart diseases (415-429)	5	111.1	4	1		55	65.7	33	18	4
Hypertension with or without renal disease (401,403)						6	7.2	6		
Cerebrovascular disease (430-438)	4	88.9	4			32	38.2	25	6	1
Arteriosclerosis (440)						1	1.2		1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	22.2	1			7	8.4	5	2	
Pneumonia and influenza (480-487)	4	88.9	4			29	34.6	28		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	88.9	4			28	33.5	24	4	
Ulcer of stomach and duodenum (531-533)						2	2.4	1	1	
Chronic liver disease and cirrhosis (571)	2	44.4	2			5	6.0	4	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)						4	4.8	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	2.4	1		1
Certain conditions originating in the perinatal period (760-779)						4	4.8	3	1	
Symptoms, signs, and ill-defined conditions (780-799)						7	8.4	6	1	
All other diseases (Residual)	2	44.4	2			58	69.3	45	11	2
Motor vehicle accidents (E810-E825)	2	44.4	2			14	16.7	13	1	
All other accidents and adverse effects (E800-E807, E826-E949)						12	14.3	11	1	
Suicide (E950-E959)						12	14.3	9	3	
Homicide and legal intervention (E960-E978)						8	9.6	4	4	
All other external causes (E980-E999)						1	1.2	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

		LINDSAY					LONE GROVE				
POPULATION		3,200					4,800				
		NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births		39	1218.8	38		1	31	645.8	25	5	1
Physician in hospital		39	100.0	38		1	31	100.0	25	5	1
Physician not in hospital											
Midwife, other, or unknown											
Stillbirths											
Physician in hospital											
Physician not in hospital											
Midwife, other, or unknown											
Total deaths, all causes		63	1968.8	62		1	18	375.0	18		
Deaths under 1 year		3	76.9	3			1	32.3	1		
Deaths under 1 month		3	76.9	3							
Tuberculosis	(010-018)										
Syphilis	(090-097)										
Residual of infectious and parasitic diseases	(001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues	(140-208)	14	437.5	14			6	125.0	6		
Malignant neoplasm of digestive organs and peritoneum	(150-159)	1	31.3	1			1	20.8	1		
Malignant neoplasm of respiratory and intrathoracic organs	(160-165)	6	187.5	6			2	41.7	2		
Malignant neoplasm of breast	(174-175)	1	31.3	1			1	20.8	1		
Malignant neoplasm of genital organs	(179-187)	1	31.3	1							
Malignant neoplasm of urinary organs	(188-189)						1	20.8	1		
Leukemia	(204-208)	1	31.3	1							
Other malignant neoplasms	(140-149, 170-173, 190-203)	4	125.0	4			1	20.8	1		
Diabetes mellitus	(250)										
Major cardiovascular diseases	(390-448)	34	1062.5	33		1	5	104.2	5		
Diseases of the heart	(390-398, 402, 404-429)	30	937.5	30			4	83.3	4		
Rheumatic fever and rheumatic heart disease	(390-398)										
Hypertensive heart disease with or without renal disease	(402,404)										
Ischemic heart disease	(410-414)	25	781.3	25			4	83.3	4		
Other heart diseases	(415-429)	5	156.3	5							
Hypertension with or without renal disease	(401,403)										
Cerebrovascular disease	(430-438)	4	125.0	3		1	1	20.8	1		
Arteriosclerosis	(440)										
Other diseases of arterioes, arterioles, and capillaries	(441-448)										
Pneumonia and influenza	(480-487)						1	20.8	1		
Chronic obstructive pulmonary disease and allied conditions	(490-496)	4	125.0	4							
Ulcer of stomach and duodenum	(531-533)										
Chronic liver disease and cirrhosis	(571)										
Nephritis, nephrotic syndrome and nephrosis	(580-589)	2	62.5	2							
Complications of pregnancy, childbirth, and the puerperium	(630-676)										
Congenital anomalies	(740-759)	3	93.8	3			1	20.8	1		
Certain conditions originating in the perinatal period	(760-779)	1	31.3	1							
Symptoms, signs, and ill-defined conditions	(780-799)	1	31.3	1							
All other diseases	(Residual)	4	125.0	4			2	41.7	2		
Motor vehicle accidents	(E810-E825)						2	41.7	2		
All other accidents and adverse effects	(E800-E807, E826-E949)										
Suicide	(E950-E959)						1	20.8	1		
Homicide and legal intervention	(E960-E978)										
All other external causes	(E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	MADILL 3,100					MANGUM 3,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	43	1387.1	33		10	50	1351.4	42	6	2
Physician in hospital	43	100.0	33		10	49	98.0	41	6	2
Physician not in hospital						1	2.0	1		
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	68	2193.5	64	3	1	88	2378.4	86	2	
Deaths under 1 year						2	40.0	1	1	
Deaths under 1 month						2	40.0	1	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	32.3	1			2	54.1	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	387.1	10	2		14	378.4	14		
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	64.5	2			6	162.2	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	225.8	6	1		5	135.1	5		
Malignant neoplasm of breast (174-175)	1	32.3		1		1	27.0	1		
Malignant neoplasm of genital organs (179-187)	2	64.5	2			1	27.0	1		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	27.0	1		
Other malignant neoplasms (140-149, 170-173, 190-203)										
Diabetes mellitus (250)	1	32.3	1			2	54.1	2		
Major cardiovascular diseases (390-448)	36	1161.3	34	1	1	40	1081.1	39	1	
Diseases of the heart (390-398, 402, 404-429)	33	1064.5	31	1	1	28	756.8	28		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	22	709.7	20	1	1	17	459.5	17		
Other heart diseases (415-429)	11	354.8	11			11	297.3	11		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	2	64.5	2			8	216.2	7	1	
Arteriosclerosis (440)	1	32.3	1			2	54.1	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)						2	54.1	2		
Pneumonia and influenza (480-487)	3	96.8	3			2	54.1	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	96.8	3			1	27.0	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	32.3	1			2	54.1	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	64.5	2			8	216.2	8		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						2	54.1	1	1	
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	4	129.0	4			14	378.4	14		
Motor vehicle accidents (E810-E825)	3	96.8	3							
All other accidents and adverse effects (E800-E807, E826-E949)	2	64.5	2							
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						1	27.0	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	MARIETTA 2,700					MARLOW 5,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	41	1518.5	38	2	1	58	1160.0	54		4
Physician in hospital...........................	41	100.0	38	2	1	58	100.0	54		4
Physician not in hospital.......................										
Midwife, other, or unknown......................										
Stillbirths..						1	16.9	1		
Physician in hospital...........................						1	100.0	1		
Physician not in hospital.......................										
Midwife, other, or unknown......................										
Total deaths, all causes...........................	43	1592.6	36	5	2	71	1420.0	68		3
Deaths under 1 year.............................										
Deaths under 1 month............................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	3	111.1	3			1	20.0	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	6	222.2	3	2	1	14	280.0	12		2
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	3	111.1		2	1	2	40.0	1		1
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	1	37.0	1			4	80.0	4		
Malignant neoplasm of breast ....(174-175)	1	37.0	1			1	20.0	1		
Malignant neoplasm of genital organs ....(179-187)						3	60.0	3		
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1	37.0	1			4	80.0	3		1
Diabetes mellitus ....(250)	1	37.0		1		1	20.0	1		
Major cardiovascular diseases ....(390-448)	22	814.8	20	2		35	700.0	34		1
Diseases of the heart ....(390-398, 402, 404-429)	18	666.7	16	2		26	520.0	25		1
Rheumatic fever and rheumatic heart disease ....(390-398)						1	20.0	1		
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	15	555.6	14	1		15	300.0	14		1
Other heart diseases ....(415-429)	3	111.1	2	1		10	200.0	10		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	2	74.1	2			8	160.0	8		
Arteriosclerosis ....(440)	2	74.1	2							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)						1	20.0	1		
Pneumonia and influenza ....(480-487)	1	37.0	1			6	120.0	6		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	2	74.1	2			2	40.0	2		
Ulcer of stomach and duodenum ....(531-533)	1	37.0	1							
Chronic liver disease and cirrhosis ....(571)						1	20.0	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)						2	40.0	2		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	3	111.1	2		1	6	120.0	6		
Motor vehicle accidents ....(E810-E825)						1	20.0	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	74.1	2			2	40.0	2		
Suicide ....(E950-E959)	2	74.1	2							
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	MCALESTER					MCLOUD				
POPULATION	18,400					5,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	226	1228.3	178	15	33	45	882.4	42	1	2
Physician in hospital	226	100.0	178	15	33	45	100.0	42	1	2
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths						2	42.6	2		
Physician in hospital						2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	280	1521.7	250	19	11	16	313.7	16		
Deaths under 1 year	3	13.3	3			1	22.2	1		
Deaths under 1 month	1	4.4	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	32.6	5		1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	59	320.7	48	7	4	3	58.8	3		
Malignant neoplasm of digestive organs and peritoneum (150-159)	16	87.0	13	2	1	1	19.6	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	16	87.0	12	1	3	1	19.6	1		
Malignant neoplasm of breast (174-175)	4	21.7	3	1						
Malignant neoplasm of genital organs (179-187)	14	76.1	12	2						
Malignant neoplasm of urinary organs (188-189)	1	5.4	1							
Leukemia (204-208)	1	5.4	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	7	38.0	6	1		1	19.6	1		
Diabetes mellitus (250)	4	21.7	2	1	1					
Major cardiovascular diseases (390-448)	140	760.9	128	7	5	9	176.5	9		
Diseases of the heart (390-398, 402, 404-429)	106	576.1	96	6	4	8	156.9	8		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	5.4	1							
Ischemic heart disease (410-414)	75	407.6	67	5	3	7	137.3	7		
Other heart diseases (415-429)	30	163.0	28	1	1	1	19.6	1		
Hypertension with or without renal disease (401,403)	1	5.4	1							
Cerebrovascular disease (430-438)	21	114.1	19	1	1	1	19.6	1		
Arteriosclerosis (440)	9	48.9	9							
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	16.3	3							
Pneumonia and influenza (480-487)	27	146.7	26	1		1	19.6	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	10	54.3	9	1		2	39.2	2		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	5.4		1						
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	21.7	4							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	5.4	1			1	19.6	1		
Certain conditions originating in the perinatal period (760-779)	1	5.4	1							
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	13	70.7	13							
Motor vehicle accidents (E810-E825)	3	16.3	3							
All other accidents and adverse effects (E800-E807, E826-E949)	8	43.5	7	1						
Suicide (E950-E959)	1	5.4	1							
Homicide and legal intervention (E960-E978)	1	5.4	1							
All other external causes (E980-E999)	1	5.4	1							

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	MIAMI					MIDWEST CITY				
POPULATION	13,500					52,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	191	1414.8	148	1	42	920	1765.8	702	187	31
Physician in hospital	187	97.9	147	1	39	904	98.3	667	186	31
Physician not in hospital						1	.1	1		
Midwife, other, or unknown	4	2.1	1		3	15	1.6	14	1	
Stillbirths	1	5.2	1			5	5.4	2	3	
Physician in hospital	1	100.0	1			5	100.0	2	3	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	173	1281.5	165		8	358	687.1	336	17	5
Deaths under 1 year						11	12.0	9	2	
Deaths under 1 month						6	6.5	5	1	
Tuberculosis (010-018)	1	7.4	1			1	1.9	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	22.2	3			7	13.4	5	2	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	45	333.3	44		1	87	167.0	82	3	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	14	103.7	14			18	34.5	14	3	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	10	74.1	10			28	53.7	28		
Malignant neoplasm of breast (174-175)	5	37.0	5			6	11.5	6		
Malignant neoplasm of genital organs (179-187)	2	14.8	2			8	15.4	8		
Malignant neoplasm of urinary organs (188-189)	1	7.4	1			3	5.8	3		
Leukemia (204-208)	1	7.4	1			3	5.8	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	12	88.9	11		1	21	40.3	20		1
Diabetes mellitus (250)	3	22.2	3			10	19.2	9	1	
Major cardiovascular diseases (390-448)	86	637.0	81		5	152	291.7	146	5	1
Diseases of the heart (390-398, 402, 404-429)	60	444.4	57		3	126	241.8	121	5	
Rheumatic fever and rheumatic heart disease (390-398)	1	7.4	1							
Hypertensive heart disease with or without renal disease (402,404)	2	14.8	2			2	3.8	2		
Ischemic heart disease (410-414)	37	274.1	34		3	88	168.9	85	3	
Other heart diseases (415-429)	20	148.1	20			36	69.1	34	2	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	22	163.0	20		2	21	40.3	20		1
Arteriosclerosis (440)	2	14.8	2			1	1.9	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	14.8	2			4	7.7	4		
Pneumonia and influenza (480-487)	1	7.4	1			13	25.0	12		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	59.3	6		2	13	25.0	13		
Ulcer of stomach and duodenum (531-533)	1	7.4	1			1	1.9	1		
Chronic liver disease and cirrhosis (571)						2	3.8	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	14.8	2			6	11.5	6		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						5	9.6	4	1	
Symptoms, signs, and ill-defined conditions (780-799)						4	7.7	3	1	
All other diseases (Residual)	12	88.9	12			22	42.2	22		
Motor vehicle accidents (E810-E825)	3	22.2	3			12	23.0	10	1	1
All other accidents and adverse effects (E800-E807, E826-E949)	1	7.4	1			9	17.3	9		
Suicide (E950-E959)	3	22.2	3			8	15.4	7	1	
Homicide and legal intervention (E960-E978)	4	29.6	4			6	11.5	4	2	
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	MOORE 41,400					MULDROW 3,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	618	1492.8	584	10	24	47	1516.1	36		11
Physician in hospital	613	99.2	579	10	24	47	100.0	36		11
Physician not in hospital										
Midwife, other, or unknown	5	.8	5							
Stillbirths	10	15.9	9		1					
Physician in hospital	10	100.0	9		1					
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	190	458.9	184	1	5	24	774.2	23		1
Deaths under 1 year	8	12.9	8			1	21.3	1		
Deaths under 1 month	7	11.3	7							
Tuberculosis (010-018)	2	4.8	2							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	8	19.3	8							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	36	87.0	33	1	2	3	96.8	3		
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	26.6	9		2	1	32.3	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	12.1	5							
Malignant neoplasm of breast (174-175)	5	12.1	5							
Malignant neoplasm of genital organs (179-187)	1	2.4	1							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	1	2.4	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	13	31.4	12	1		2	64.5	2		
Diabetes mellitus (250)	4	9.7	4			1	32.3	1		
Major cardiovascular diseases (390-448)	71	171.5	70		1	15	483.9	14		1
Diseases of the heart (390-398, 402, 404-429)	55	132.9	55			15	483.9	14		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	32.3	1		
Ischemic heart disease (410-414)	36	87.0	36			10	322.6	9		1
Other heart diseases (415-429)	19	45.9	19			4	129.0	4		
Hypertension with or without renal disease (401,403)	1	2.4	1							
Cerebrovascular disease (430-438)	13	31.4	12		1					
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	4.8	2							
Pneumonia and influenza (480-487)	8	19.3	7		1	2	64.5	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	19.3	8							
Ulcer of stomach and duodenum (531-533)	2	4.8	2							
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	4.8	2							
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	2.4	1							
Congenital anomalies (740-759)	4	9.7	4							
Certain conditions originating in the perinatal period (760-779)	4	9.7	4							
Symptoms, signs, and ill-defined conditions (780-799)	5	12.1	5			1	32.3	1		
All other diseases (Residual)	17	41.1	17			2	64.5	2		
Motor vehicle accidents (E810-E825)	5	12.1	5							
All other accidents and adverse effects (E800-E807, E826-E949)	3	7.2	3							
Suicide (E950-E959)	8	19.3	7		1					
Homicide and legal intervention (E960-E978)	1	2.4	1							
All other external causes (E980-E999)	1	2.4	1							

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	MUSKOGEE					MUSTANG				
POPULATION	41,000					11,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	604	1473.2	371	147	86	166	1495.5	161	1	4
Physician in hospital	586	97.0	366	146	74	162	97.6	157	1	4
Physician not in hospital	2	.3	1	1						
Midwife, other, or unknown	16	2.6	4		12	4	2.4	4		
Stillbirths	13	21.1	5	7	1					
Physician in hospital	12	92.3	5	6	1					
Physician not in hospital	1	7.7		1						
Midwife, other, or unknown										
Total deaths, all causes	540	1317.1	433	98	9	41	369.4	41		
Deaths under 1 year	9	14.9	3	5	1					
Deaths under 1 month	6	9.9	1	4	1					
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	7	17.1	5	1	1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	126	307.3	104	20	2	4	36.0	4		
Malignant neoplasm of digestive organs and peritoneum (150-159)	28	68.3	24	4						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	39	95.1	30	9		4	36.0	4		
Malignant neoplasm of breast (174-175)	6	14.6	5	1						
Malignant neoplasm of genital organs (179-187)	15	36.6	12	3						
Malignant neoplasm of urinary organs (188-189)	7	17.1	7							
Leukemia (204-208)	5	12.2	4	1						
Other malignant neoplasms (140-149, 170-173, 190-203)	26	63.4	22	2	2					
Diabetes mellitus (250)	9	22.0	9							
Major cardiovascular diseases (390-448)	258	629.3	199	57	2	20	180.2	20		
Diseases of the heart (390-398, 402, 404-429)	214	522.0	168	44	2	17	153.2	17		
Rheumatic fever and rheumatic heart disease (390-398)	1	2.4	1							
Hypertensive heart disease with or without renal disease (402,404)	6	14.6	5	1						
Ischemic heart disease (410-414)	153	373.2	116	35	2	11	99.1	11		
Other heart diseases (415-429)	54	131.7	46	8		6	54.1	6		
Hypertension with or without renal disease (401,403)	4	9.8	3	1						
Cerebrovascular disease (430-438)	29	70.7	20	9		2	18.0	2		
Arteriosclerosis (440)	6	14.6	3	3						
Other diseases of arterioes, arterioles, and capillaries (441-448)	5	12.2	5			1	9.0	1		
Pneumonia and influenza (480-487)	29	70.7	25	2	2	3	27.0	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	18	43.9	16	2		1	9.0	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	6	14.6	6							
Nephritis, nephrotic syndrome and nephrosis (580-589)	10	24.4	6	4		1	9.0	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	4.9		1	1					
Certain conditions originating in the perinatal period (760-779)	5	12.2	2	3						
Symptoms, signs, and ill-defined conditions (780-799)	2	4.9	2							
All other diseases (Residual)	44	107.3	37	6	1	7	63.1	7		
Motor vehicle accidents (E810-E825)	8	19.5	7	1		1	9.0	1		
All other accidents and adverse effects (E800-E807, E826-E949)	9	22.0	9			1	9.0	1		
Suicide (E950-E959)	3	7.3	3			2	18.0	2		
Homicide and legal intervention (E960-E978)	4	9.8	3	1		1	9.0	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	NEWCASTLE					NEWKIRK				
POPULATION	5,400					2,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	47	870.4	47			37	1370.4	32	1	4
Physician in hospital	45	95.7	45			37	100.0	32	1	4
Physician not in hospital										
Midwife, other, or unknown	2	4.3	2							
Stillbirths	1	20.8	1							
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	17	314.8	17			28	1037.0	25	1	2
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6	111.1	6			7	259.3	6		1
Malignant neoplasm of digestive organs and peritoneum (150-159)										
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	55.6	3			4	148.1	4		
Malignant neoplasm of breast (174-175)	1	18.5	1							
Malignant neoplasm of genital organs (179-187)						2	74.1	1		1
Malignant neoplasm of urinary organs (188-189)	1	18.5	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	1	18.5	1			1	37.0	1		
Diabetes mellitus (250)						1	37.0	1		
Major cardiovascular diseases (390-448)	7	129.6	7			12	444.4	10	1	1
Diseases of the heart (390-398, 402, 404-429)	6	111.1	6			10	370.4	9		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	4	74.1	4			9	333.3	8		1
Other heart diseases (415-429)	2	37.0	2			1	37.0	1		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	18.5	1			2	74.1	1	1	
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)										
Chronic obstructive pulmonary disease and allied conditions (490-496)										
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						2	74.1	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	1	18.5	1			5	185.2	5		
Motor vehicle accidents (E810-E825)	2	37.0	2			1	37.0	1		
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)	1	18.5	1							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	NICHOLS HILLS					NICOMA PARK				
POPULATION	3,800					3,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	2	52.6	2			22	733.3	21	1	
Physician in hospital..........................	2	100.0	2			22	100.0	21	1	
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Stillbirths..										
Physician in hospital..........................										
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	2	52.6	2			20	666.7	19	1	
Deaths under 1 year............................										
Deaths under 1 month...........................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	1	26.3	1			5	166.7	4	1	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)										
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)						4	133.3	3	1	
Malignant neoplasm of breast ....(174-175)										
Malignant neoplasm of genital organs ....(179-187)	1	26.3	1			1	33.3	1		
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)										
Diabetes mellitus ....(250)						1	33.3	1		
Major cardiovascular diseases ....(390-448)	1	26.3	1			5	166.7	5		
Diseases of the heart ....(390-398, 402, 404-429)	1	26.3	1			4	133.3	4		
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	1	26.3	1			3	100.0	3		
Other heart diseases ....(415-429)						1	33.3	1		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)						1	33.3	1		
Arteriosclerosis ....(440)										
Other diseases of arterioes, arterioles, and capillaries ....(441-448)										
Pneumonia and influenza ....(480-487)						2	66.7	2		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)						1	33.3	1		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)						1	33.3	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)										
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)						2	66.7	2		
Motor vehicle accidents ....(E810-E825)						2	66.7	2		
All other accidents and adverse effects ....(E800-E807, E826-E949)										
Suicide ....(E950-E959)						1	33.3	1		
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	NOBLE					NORMAN				
POPULATION	5,900					78,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	119	2016.9	110		9	1,046	1334.2	930	53	63
Physician in hospital	117	98.3	108		9	1,028	98.3	913	52	63
Physician not in hospital						1	.1	1		
Midwife, other, or unknown	2	1.7	2			17	1.6	16	1	
Stillbirths	1	8.3	1			9	8.5	8		1
Physician in hospital	1	100.0	1			8	88.9	7		1
Physician not in hospital						1	11.1	1		
Midwife, other, or unknown										
Total deaths, all causes	38	644.1	38			503	641.6	491	5	7
Deaths under 1 year	1	8.4	1			9	8.6	8	1	
Deaths under 1 month						3	2.9	3		
Tuberculosis (010-018)						1	1.3	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						6	7.7	5	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	10	169.5	10			111	141.6	110		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	16.9	1			25	31.9	25		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	84.7	5			24	30.6	23		1
Malignant neoplasm of breast (174-175)	2	33.9	2			11	14.0	11		
Malignant neoplasm of genital organs (179-187)						15	19.1	15		
Malignant neoplasm of urinary organs (188-189)						3	3.8	3		
Leukemia (204-208)						6	7.7	6		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	33.9	2			27	34.4	27		
Diabetes mellitus (250)						6	7.7	6		
Major cardiovascular diseases (390-448)	20	339.0	20			223	284.4	219	1	3
Diseases of the heart (390-398, 402, 404-429)	13	220.3	13			168	214.3	165	1	2
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						2	2.6	2		
Ischemic heart disease (410-414)	12	203.4	12			125	159.4	123		2
Other heart diseases (415-429)	1	16.9	1			41	52.3	40	1	
Hypertension with or without renal disease (401,403)						1	1.3	1		
Cerebrovascular disease (430-438)	6	101.7	6			41	52.3	41		
Arteriosclerosis (440)	1	16.9	1			5	6.4	4		1
Other diseases of arterioes, arterioles, and capillaries (441-448)						8	10.2	8		
Pneumonia and influenza (480-487)	1	16.9	1			26	33.2	24	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)						17	21.7	17		
Ulcer of stomach and duodenum (531-533)	1	16.9	1			1	1.3	1		
Chronic liver disease and cirrhosis (571)						2	2.6	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)						7	8.9	7		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	2.6	2		
Certain conditions originating in the perinatal period (760-779)						3	3.8	3		
Symptoms, signs, and ill-defined conditions (780-799)						7	8.9	6		1
All other diseases (Residual)	2	33.9	2			54	68.9	54		
Motor vehicle accidents (E810-E825)						7	8.9	7		
All other accidents and adverse effects (E800-E807, E826-E949)	1	16.9	1			16	20.4	15		1
Suicide (E950-E959)	2	33.9	2			10	12.8	9	1	
Homicide and legal intervention (E960-E978)						4	5.1	3	1	
All other external causes (E980-E999)	1	16.9	1							

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	NOWATA					OKEMAH				
POPULATION	3,900					3,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	48	1230.8	28	4	16	35	1029.4	20	1	14
Physician in hospital	44	91.7	28	4	12	35	100.0	20	1	14
Physician not in hospital										
Midwife, other, or unknown	4	8.3			4					
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	78	2000.0	74	4		68	2000.0	61		7
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	25.6	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	461.5	16	2		11	323.5	8		3
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	128.2	4	1		3	88.2	2		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	153.8	5	1		2	58.8	2		
Malignant neoplasm of breast (174-175)						1	29.4	1		
Malignant neoplasm of genital organs (179-187)	1	25.6	1							
Malignant neoplasm of urinary organs (188-189)	2	51.3	2			1	29.4	1		
Leukemia (204-208)						2	58.8	1		1
Other malignant neoplasms (140-149, 170-173, 190-203)	4	102.6	4			2	58.8	1		1
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	41	1051.3	39	2		46	1352.9	44		2
Diseases of the heart (390-398, 402, 404-429)	34	871.8	32	2		42	1235.3	40		2
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	25.6	1							
Ischemic heart disease (410-414)	19	487.2	18	1		34	1000.0	32		2
Other heart diseases (415-429)	14	359.0	13	1		8	235.3	8		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	5	128.2	5			4	117.6	4		
Arteriosclerosis (440)	1	25.6	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	25.6	1							
Pneumonia and influenza (480-487)	4	102.6	4							
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	25.6	1			1	29.4	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)						1	29.4			1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	25.6	1							
All other diseases (Residual)	7	179.5	7			6	176.5	6		
Motor vehicle accidents (E810-E825)	1	25.6	1			1	29.4	1		
All other accidents and adverse effects (E800-E807, E826-E949)	3	76.9	3			2	58.8	1		1
Suicide (E950-E959)	1	25.6	1							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	OKLAHOMA CITY					OKMULGEE				
POPULATION	434,600					15,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	7,369	1695.6	5,406	1,641	322	207	1370.9	116	61	30
Physician in hospital	7,239	98.2	5,297	1,625	317	206	99.5	115	61	30
Physician not in hospital	5	.1	4		1					
Midwife, other, or unknown	125	1.7	105	16	4	1	.5	1		
Stillbirths	53	7.1	38	14	1	2	9.6	2		
Physician in hospital	48	90.6	34	13	1	2	100.0	2		
Physician not in hospital	5	9.4	4	1						
Midwife, other, or unknown										
Total deaths, all causes	3,948	908.4	3,377	522	49	212	1404.0	152	56	4
Deaths under 1 year	87	11.8	62	22	3	3	14.5	3		
Deaths under 1 month	59	8.0	44	14	1					
Tuberculosis (010-018)	4	.9	4							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	93	21.4	78	14	1	3	19.9	3		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	873	200.9	746	118	9	33	218.5	25	8	
Malignant neoplasm of digestive organs and peritoneum (150-159)	173	39.8	144	28	1	5	33.1	4	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	289	66.5	250	37	2	10	66.2	7	3	
Malignant neoplasm of breast (174-175)	68	15.6	61	6	1	5	33.1	4	1	
Malignant neoplasm of genital organs (179-187)	103	23.7	91	11	1	5	33.1	4	1	
Malignant neoplasm of urinary organs (188-189)	31	7.1	27	4						
Leukemia (204-208)	27	6.2	24	3		1	6.6	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	182	41.9	149	29	4	7	46.4	5	2	
Diabetes mellitus (250)	73	16.8	56	15	2	3	19.9	2	1	
Major cardiovascular diseases (390-448)	1,720	395.8	1,490	215	15	116	768.2	83	30	3
Diseases of the heart (390-398, 402, 404-429)	1,240	285.3	1,066	164	10	93	615.9	67	23	3
Rheumatic fever and rheumatic heart disease (390-398)	12	2.8	10	2						
Hypertensive heart disease with or without renal disease (402,404)	27	6.2	15	12						
Ischemic heart disease (410-414)	769	176.9	666	97	6	74	490.1	56	15	3
Other heart diseases (415-429)	432	99.4	375	53	4	19	125.8	11	8	
Hypertension with or without renal disease (401,403)	16	3.7	11	4	1	2	13.2	2		
Cerebrovascular disease (430-438)	335	77.1	294	39	2	18	119.2	12	6	
Arteriosclerosis (440)	85	19.6	77	6	2	2	13.2	1	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	44	10.1	42	2		1	6.6	1		
Pneumonia and influenza (480-487)	114	26.2	102	10	2	6	39.7	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	187	43.0	174	12	1	10	66.2	8	2	
Ulcer of stomach and duodenum (531-533)	13	3.0	11	2		1	6.6		1	
Chronic liver disease and cirrhosis (571)	50	11.5	38	9	3	4	26.5	2	2	
Nephritis, nephrotic syndrome and nephrosis (580-589)	52	12.0	40	12		2	13.2	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	.2		1						
Congenital anomalies (740-759)	26	6.0	17	7	2	1	6.6	1		
Certain conditions originating in the perinatal period (760-779)	38	8.7	28	10						
Symptoms, signs, and ill-defined conditions (780-799)	37	8.5	29	7	1	3	19.9	2	1	
All other diseases (Residual)	369	84.9	319	44	6	20	132.5	12	7	1
Motor vehicle accidents (E810-E825)	77	17.7	64	11	2	2	13.2	2		
All other accidents and adverse effects (E800-E807, E826-E949)	81	18.6	73	6	2	3	19.9	2	1	
Suicide (E950-E959)	70	16.1	68	1	1	3	19.9	2	1	
Homicide and legal intervention (E960-E978)	66	15.2	38	26	2	2	13.2		2	
All other external causes (E980-E999)	4	.9	2	2						

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	OWASSO					PAULS VALLEY				
POPULATION	11,300					5,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	235	2079.6	210	4	21	96	1714.3	76	9	11
Physician in hospital	232	98.7	208	4	20	94	97.9	75	8	11
Physician not in hospital										
Midwife, other, or unknown	3	1.3	2		1	2	2.1	1	1	
Stillbirths						1	10.3	1		
Physician in hospital						1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	67	592.9	65		2	122	2178.6	113	8	1
Deaths under 1 year	1	4.3	1			2	20.8	1	1	
Deaths under 1 month						1	10.4	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	8.8	1			1	17.9		1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	115.0	12		1	26	464.3	23	3	
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	35.4	3		1	6	107.1	4	2	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	35.4	4			12	214.3	12		
Malignant neoplasm of breast (174-175)						1	17.9		1	
Malignant neoplasm of genital organs (179-187)	4	35.4	4			3	53.6	3		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						3	53.6	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	8.8	1			1	17.9	1		
Diabetes mellitus (250)	2	17.7	2			2	35.7	2		
Major cardiovascular diseases (390-448)	29	256.6	29			58	1035.7	58		
Diseases of the heart (390-398, 402, 404-429)	25	221.2	25			47	839.3	47		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	15	132.7	15			31	553.6	31		
Other heart diseases (415-429)	10	88.5	10			16	285.7	16		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	35.4	4			7	125.0	7		
Arteriosclerosis (440)						3	53.6	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	17.9	1		
Pneumonia and influenza (480-487)	3	26.5	3			10	178.6	9	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	8.8	1			4	71.4	3		1
Ulcer of stomach and duodenum (531-533)						1	17.9	1		
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	8.8	1			1	17.9	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	8.8			1					
Congenital anomalies (740-759)						2	35.7	2		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	2	17.7	2			3	53.6	3		
All other diseases (Residual)	8	70.8	8			5	89.3	4	1	
Motor vehicle accidents (E810-E825)	1	8.8	1			3	53.6	3		
All other accidents and adverse effects (E800-E807, E826-E949)	1	8.8	1			4	71.4	3	1	
Suicide (E950-E959)	3	26.5	3			1	17.9	1		
Homicide and legal intervention (E960-E978)	1	8.8	1			1	17.9		1	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	PAWHUSKA					PERRY				
POPULATION	4,400					5,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	66	1500.0	39	4	23	78	1418.2	73		5
Physician in hospital	66	100.0	39	4	23	78	100.0	73		5
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	78	1772.7	61	2	15	83	1509.1	77	5	1
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	18.2	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	21	477.3	16		5	18	327.3	17		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	136.4	5		1	6	109.1	5		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	181.8	6		2	5	90.9	5		
Malignant neoplasm of breast (174-175)	1	22.7	1							
Malignant neoplasm of genital organs (179-187)	4	90.9	3		1	2	36.4	2		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	18.2	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	45.5	1		1	4	72.7	4		
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	38	863.6	30	2	6	51	927.3	47	4	
Diseases of the heart (390-398, 402, 404-429)	34	772.7	26	2	6	34	618.2	30	4	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	22.7	1							
Ischemic heart disease (410-414)	23	522.7	17	1	5	20	363.6	17	3	
Other heart diseases (415-429)	10	227.3	8	1	1	14	254.5	13	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	90.9	4			10	181.8	10		
Arteriosclerosis (440)						2	36.4	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)						5	90.9	5		
Pneumonia and influenza (480-487)	1	22.7			1	2	36.4	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	136.4	5		1	3	54.5	3		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	3	68.2	2		1	1	18.2	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	22.7	1			1	18.2	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	4	90.9	3		1	3	54.5	3		
Motor vehicle accidents (E810-E825)	2	45.5	2			1	18.2	1		
All other accidents and adverse effects (E800-E807, E826-E949)						1	18.2	1		
Suicide (E950-E959)	1	22.7	1			1	18.2		1	
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)	1	22.7	1							

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	PIEDMONT					POCOLA				
POPULATION	2,900					4,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	36	1241.4	35	1		41	891.3	35	3	3
Physician in hospital	35	97.2	34	1		41	100.0	35	3	3
Physician not in hospital										
Midwife, other, or unknown	1	2.8	1							
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	14	482.8	14			19	413.0	18	1	
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1	34.5	1			5	108.7	5		
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	34.5	1			2	43.5	2		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						2	43.5	2		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)										
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)						1	21.7	1		
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	12	413.8	12			12	260.9	11	1	
Diseases of the heart (390-398, 402, 404-429)	11	379.3	11			8	173.9	8		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	8	275.9	8			8	173.9	8		
Other heart diseases (415-429)	3	103.4	3							
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	34.5	1			2	43.5	2		
Arteriosclerosis (440)						2	43.5	1	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)						1	21.7	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)						1	21.7	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	1	34.5	1							
Motor vehicle accidents (E810-E825)										
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	PONCA CITY 27,400					POTEAU 8,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	349	1273.7	296	16	37	114	1390.2	99	1	14
Physician in hospital	348	99.7	295	16	37	114	100.0	99	1	14
Physician not in hospital										
Midwife, other, or unknown	1	.3	1							
Stillbirths	4	11.3	3		1	2	17.2	2		
Physician in hospital	4	100.0	3		1	2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	281	1025.5	253	14	14	94	1146.3	93		1
Deaths under 1 year	1	2.9	1							
Deaths under 1 month										
Tuberculosis (010-018)	1	3.6	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	14.6	3	1		1	12.2	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	55	200.7	51	3	1	20	243.9	20		
Malignant neoplasm of digestive organs and peritoneum (150-159)	8	29.2	7		1	5	61.0	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	19	69.3	18	1		9	109.8	9		
Malignant neoplasm of breast (174-175)	4	14.6	4							
Malignant neoplasm of genital organs (179-187)	9	32.8	8	1		3	36.6	3		
Malignant neoplasm of urinary organs (188-189)	3	10.9	2	1						
Leukemia (204-208)	3	10.9	3							
Other malignant neoplasms (140-149, 170-173, 190-203)	9	32.8	9			3	36.6	3		
Diabetes mellitus (250)	5	18.2	5							
Major cardiovascular diseases (390-448)	141	514.6	124	10	7	53	646.3	53		
Diseases of the heart (390-398, 402, 404-429)	109	397.8	96	7	6	40	487.8	40		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	3.6	1							
Ischemic heart disease (410-414)	78	284.7	69	5	4	29	353.7	29		
Other heart diseases (415-429)	30	109.5	26	2	2	11	134.1	11		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	21	76.6	21			9	109.8	9		
Arteriosclerosis (440)	7	25.5	4	3		3	36.6	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	4	14.6	3		1	1	12.2	1		
Pneumonia and influenza (480-487)	11	40.1	11			3	36.6	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	10	36.5	10							
Ulcer of stomach and duodenum (531-533)	2	7.3	2							
Chronic liver disease and cirrhosis (571)	1	3.6			1					
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	18.2	4		1	1	12.2	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	7.3	2							
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	12.2	1		
All other diseases (Residual)	26	94.9	25		1	7	85.4	7		
Motor vehicle accidents (E810-E825)	6	21.9	4		2	2	24.4	1		1
All other accidents and adverse effects (E800-E807, E826-E949)	7	25.5	6		1	3	36.6	3		
Suicide (E950-E959)	5	18.2	5			3	36.6	3		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

POPULATION	PRAGUE 2,500					PRYOR 8,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	27	1080.0	24		3	119	1451.2	73	1	45
Physician in hospital	27	100.0	24		3	113	95.0	71	1	41
Physician not in hospital										
Midwife, other, or unknown						6	5.0	2		4
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	38	1520.0	36	1	1	119	1451.2	115		4
Deaths under 1 year						1	8.4	1		
Deaths under 1 month						1	8.4	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	80.0	2							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5	200.0	5			25	304.9	25		
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	40.0	1			5	61.0	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	80.0	2			11	134.1	11		
Malignant neoplasm of breast (174-175)						1	12.2	1		
Malignant neoplasm of genital organs (179-187)						3	36.6	3		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	2	80.0	2			5	61.0	5		
Diabetes mellitus (250)	1	40.0	1			5	61.0	4		1
Major cardiovascular diseases (390-448)	22	880.0	20	1	1	65	792.7	63		2
Diseases of the heart (390-398, 402, 404-429)	19	760.0	17	1	1	48	585.4	47		1
Rheumatic fever and rheumatic heart disease (390-398)						1	12.2	1		
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	17	680.0	15	1	1	35	426.8	35		
Other heart diseases (415-429)	2	80.0	2			12	146.3	11		1
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	3	120.0	3			15	182.9	14		1
Arteriosclerosis (440)						1	12.2	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	12.2	1		
Pneumonia and influenza (480-487)	4	160.0	4			4	48.8	4		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	40.0	1			1	12.2	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	40.0	1			2	24.4	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	12.2	1		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)						11	134.1	11		
Motor vehicle accidents (E810-E825)	1	40.0	1							
All other accidents and adverse effects (E800-E807, E826-E949)	1	40.0	1			4	48.8	3		1
Suicide (E950-E959)						1	12.2	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	PURCELL					SALLISAW				
POPULATION	4,700					8,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	70	1489.4	66	3	1	106	1308.6	70	2	34
Physician in hospital	70	100.0	66	3	1	101	95.3	70	2	29
Physician not in hospital										
Midwife, other, or unknown						5	4.7			5
Stillbirths	1	14.1		1		1	9.3	1		
Physician in hospital	1	100.0		1		1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	76	1617.0	71	4	1	89	1098.8	85	1	3
Deaths under 1 year	2	28.6	2			2	18.9	2		
Deaths under 1 month						1	9.4	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	12.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	340.4	16			14	172.8	14		
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	106.4	5			6	74.1	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	63.8	3			4	49.4	4		
Malignant neoplasm of breast (174-175)	2	42.6	2							
Malignant neoplasm of genital organs (179-187)	1	21.3	1			1	12.3	1		
Malignant neoplasm of urinary organs (188-189)	1	21.3	1			1	12.3	1		
Leukemia (204-208)	1	21.3	1			1	12.3	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	63.8	3			1	12.3	1		
Diabetes mellitus (250)	1	21.3			1					
Major cardiovascular diseases (390-448)	36	766.0	32	4		45	555.6	42	1	2
Diseases of the heart (390-398, 402, 404-429)	28	595.7	24	4		42	518.5	39	1	2
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	21.3	1							
Ischemic heart disease (410-414)	17	361.7	15	2		39	481.5	36	1	2
Other heart diseases (415-429)	10	212.8	8	2		3	37.0	3		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	5	106.4	5			2	24.7	2		
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	63.8	3			1	12.3	1		
Pneumonia and influenza (480-487)	4	85.1	4			8	98.8	8		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	63.8	3			3	37.0	3		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	42.6	2			2	24.7	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	12.3	1		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	21.3	1			4	49.4	3		1
All other diseases (Residual)	6	127.7	6			8	98.8	8		
Motor vehicle accidents (E810-E825)	2	42.6	2							
All other accidents and adverse effects (E800-E807, E826-E949)	2	42.6	2			2	24.7	2		
Suicide (E950-E959)	1	21.3	1			1	12.3	1		
Homicide and legal intervention (E960-E978)	2	42.6	2							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	SAND SPRINGS					SAPULPA				
POPULATION	15,700					18,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births....................................	214	1363.1	189	5	20	275	1462.8	218	26	31
Physician in hospital..........................	207	96.7	185	5	17	239	86.9	190	25	24
Physician not in hospital......................										
Midwife, other, or unknown.....................	7	3.3	4		3	36	13.1	28	1	7
Stillbirths....................................						3	10.8	2		1
Physician in hospital..........................						3	100.0	2		1
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes.......................	170	1082.8	166	2	2	190	1010.6	170	16	4
Deaths under 1 year............................	2	9.3	2			3	10.9	2	1	
Deaths under 1 month...........................	1	4.7	1							
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	4	25.5	4			3	16.0	2	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	36	229.3	36			39	207.4	33	5	1
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	12	76.4	12			8	42.6	8		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	10	63.7	10			14	74.5	11	3	
Malignant neoplasm of breast ....(174-175)	3	19.1	3			4	21.3	2	2	
Malignant neoplasm of genital organs ....(179-187)	4	25.5	4			2	10.6	2		
Malignant neoplasm of urinary organs .(188-189)	1	6.4	1			2	10.6	1		1
Leukemia ....(204-208)						2	10.6	2		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	6	38.2	6			7	37.2	7		
Diabetes mellitus ....(250)	2	12.7	2			3	16.0	2	1	
Major cardiovascular diseases ....(390-448)	79	503.2	77	2		89	473.4	83	4	2
Diseases of the heart ....(390-398, 402, 404-429)	59	375.8	57	2		70	372.3	68	1	1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)						2	10.6	2		
Ischemic heart disease ....(410-414)	46	293.0	44	2		51	271.3	50		1
Other heart diseases ....(415-429)	13	82.8	13			17	90.4	16	1	
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	16	101.9	16			17	90.4	14	2	1
Arteriosclerosis ....(440)	4	25.5	4			1	5.3		1	
Other diseases of arterioes, arterioles, and capillaries ....(441-448)						1	5.3	1		
Pneumonia and influenza ....(480-487)	4	25.5	4			12	63.8	12		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	6	38.2	6			5	26.6	5		
Ulcer of stomach and duodenum ....(531-533)						1	5.3	1		
Chronic liver disease and cirrhosis ....(571)	3	19.1	3			2	10.6	2		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	6.4			1	6	31.9	4	2	
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	6.4	1			3	16.0	3		
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	1	6.4	1			2	10.6	2		
All other diseases ....(Residual)	18	114.6	17		1	12	63.8	11	1	
Motor vehicle accidents ....(E810-E825)	7	44.6	7			4	21.3	4		
All other accidents and adverse effects ....(E800-E807, E826-E949)	5	31.8	5			4	21.3	2	1	1
Suicide ....(E950-E959)	3	19.1	3			3	16.0	3		
Homicide and legal intervention ....(E960-E978)						2	10.6	1	1	
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	SAYRE					SEMINOLE				
POPULATION	2,800					8,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	29	1035.7	29			91	1083.3	66	6	19
Physician in hospital	29	100.0	29			91	100.0	66	6	19
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths						2	21.5	1		1
Physician in hospital						2	100.0	1		1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	71	2535.7	70	1		125	1488.1	116	2	7
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	35.7	1			1	11.9	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	464.3	12	1		21	250.0	20	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	7	250.0	6	1		3	35.7	2	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	71.4	2			3	35.7	3		
Malignant neoplasm of breast (174-175)						1	11.9	1		
Malignant neoplasm of genital organs (179-187)	2	71.4	2			3	35.7	3		
Malignant neoplasm of urinary organs (188-189)						3	35.7	3		
Leukemia (204-208)						1	11.9	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	71.4	2			7	83.3	7		
Diabetes mellitus (250)	2	71.4	2			1	11.9			1
Major cardiovascular diseases (390-448)	32	1142.9	32			77	916.7	71	1	5
Diseases of the heart (390-398, 402, 404-429)	28	1000.0	28			68	809.5	64	1	3
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						3	35.7	3		
Ischemic heart disease (410-414)	20	714.3	20			42	500.0	40	1	1
Other heart diseases (415-429)	8	285.7	8			23	273.8	21		2
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	142.9	4			8	95.2	6		2
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	11.9	1		
Pneumonia and influenza (480-487)	1	35.7	1			2	23.8	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	35.7	1			5	59.5	4		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)						5	59.5	5		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	13	464.3	13							
All other diseases (Residual)	5	178.6	5			3	35.7	3		
Motor vehicle accidents (E810-E825)	1	35.7	1			2	23.8	2		
All other accidents and adverse effects (E800-E807, E826-E949)	1	35.7	1			7	83.3	7		
Suicide (E950-E959)	1	35.7	1			1	11.9	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	SHAWNEE					SKIATOOK				
POPULATION	26,100					4,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	388	1486.6	296	20	72	74	1644.4	58		16
Physician in hospital	388	100.0	296	20	72	73	98.6	58		15
Physician not in hospital										
Midwife, other, or unknown						1	1.4			1
Stillbirths	6	15.2	4	1	1					
Physician in hospital	6	100.0	4	1	1					
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	375	1436.8	344	9	22	46	1022.2	42		4
Deaths under 1 year	3	7.7	1		2					
Deaths under 1 month	1	2.6			1					
Tuberculosis (010-018)	1	3.8	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	11.5	3							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	69	264.4	66		3	8	177.8	8		
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	42.1	11							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	24	92.0	22		2	2	44.4	2		
Malignant neoplasm of breast (174-175)	6	23.0	5		1					
Malignant neoplasm of genital organs (179-187)	4	15.3	4			1	22.2	1		
Malignant neoplasm of urinary organs (188-189)	6	23.0	6							
Leukemia (204-208)	1	3.8	1			2	44.4	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	17	65.1	17			3	66.7	3		
Diabetes mellitus (250)	6	23.0	5		1					
Major cardiovascular diseases (390-448)	186	712.6	173	5	8	28	622.2	25		3
Diseases of the heart (390-398, 402, 404-429)	133	509.6	124	4	5	20	444.4	18		2
Rheumatic fever and rheumatic heart disease (390-398)	1	3.8	1							
Hypertensive heart disease with or without renal disease (402,404)	3	11.5	3							
Ischemic heart disease (410-414)	92	352.5	87	2	3	14	311.1	12		2
Other heart diseases (415-429)	37	141.8	33	2	2	6	133.3	6		
Hypertension with or without renal disease (401,403)	2	7.7	2							
Cerebrovascular disease (430-438)	45	172.4	41	1	3	6	133.3	5		1
Arteriosclerosis (440)						2	44.4	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	6	23.0	6							
Pneumonia and influenza (480-487)	20	76.6	20			2	44.4	1		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	14	53.6	13	1		1	22.2	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	6	23.0	4	1	1					
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	15.3	3		1	2	44.4	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	3	11.5	2		1					
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	5	19.2	3		2					
All other diseases (Residual)	29	111.1	26	1	2	4	88.9	4		
Motor vehicle accidents (E810-E825)	8	30.7	6		2					
All other accidents and adverse effects (E800-E807, E826-E949)	13	49.8	12		1	1	22.2	1		
Suicide (E950-E959)	5	19.2	5							
Homicide and legal intervention (E960-E978)	2	7.7	1	1						
All other external causes (E980-E999)	1	3.8	1							

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	SPENCER					STIGLER				
POPULATION	4,700					2,450				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	122	2595.7	29	89	4	35	1428.6	27		8
Physician in hospital	119	97.5	28	87	4	34	97.1	27		7
Physician not in hospital										
Midwife, other, or unknown	3	2.5	1	2		1	2.9			1
Stillbirths	1	8.1		1						
Physician in hospital	1	100.0		1						
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	53	1127.7	18	35		55	2244.9	52		3
Deaths under 1 year	1	8.2		1		1	28.6	1		
Deaths under 1 month	1	8.2		1		1	28.6	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	10	212.8	5	5		11	449.0	11		
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	42.6	1	1		1	40.8	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	106.4	2	3		4	163.3	4		
Malignant neoplasm of breast (174-175)	1	21.3	1							
Malignant neoplasm of genital organs (179-187)	1	21.3		1		2	81.6	2		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	40.8	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	21.3	1			3	122.4	3		
Diabetes mellitus (250)	1	21.3		1		1	40.8	1		
Major cardiovascular diseases (390-448)	24	510.6	8	16		25	1020.4	23		2
Diseases of the heart (390-398, 402, 404-429)	20	425.5	7	13		23	938.8	22		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	21.3		1						
Ischemic heart disease (410-414)	13	276.6	5	8		14	571.4	13		1
Other heart diseases (415-429)	6	127.7	2	4		9	367.3	9		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	2	42.6		2		1	40.8	1		
Arteriosclerosis (440)	1	21.3	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	21.3		1		1	40.8			1
Pneumonia and influenza (480-487)	1	21.3		1		8	326.5	8		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	63.8	1	2						
Ulcer of stomach and duodenum (531-533)						1	40.8	1		
Chronic liver disease and cirrhosis (571)	1	21.3	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	21.3		1		2	81.6	1		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	21.3		1						
Certain conditions originating in the perinatal period (760-779)						1	40.8	1		
Symptoms, signs, and ill-defined conditions (780-799)						1	40.8	1		
All other diseases (Residual)	3	63.8	1	2		3	122.4	3		
Motor vehicle accidents (E810-E825)	1	21.3		1		1	40.8	1		
All other accidents and adverse effects (E800-E807, E826-E949)	1	21.3		1		1	40.8	1		
Suicide (E950-E959)	1	21.3		1						
Homicide and legal intervention (E960-E978)	5	106.4	2	3						
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	STILLWATER					STROUD				
POPULATION	35,800					3,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	434	1212.3	389	27	18	27	843.8	17	2	8
Physician in hospital..............................	427	98.4	382	27	18	26	96.3	17	2	7
Physician not in hospital..........................										
Midwife, other, or unknown.........................	7	1.6	7			1	3.7			1
Stillbirths..	3	6.9	3							
Physician in hospital..............................	3	100.0	3							
Physician not in hospital..........................										
Midwife, other, or unknown.........................										
Total deaths, all causes...........................	209	583.8	200	5	4	46	1437.5	45	1	
Deaths under 1 year................................	1	2.3	1							
Deaths under 1 month...............................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	3	8.4	3							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	51	142.5	50	1		5	156.3	5		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	11	30.7	11							
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	13	36.3	13			3	93.8	3		
Malignant neoplasm of breast ....(174-175)	4	11.2	4			1	31.3	1		
Malignant neoplasm of genital organs ....(179-187)	8	22.3	7	1						
Malignant neoplasm of urinary organs .(188-189)	4	11.2	4							
Leukemia ....(204-208)	3	8.4	3							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	8	22.3	8			1	31.3	1		
Diabetes mellitus ....(250)	4	11.2	4							
Major cardiovascular diseases ....(390-448)	99	276.5	93	4	2	32	1000.0	31	1	
Diseases of the heart ....(390-398, 402, 404-429)	79	220.7	73	4	2	25	781.3	25		
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	1	2.8	1							
Ischemic heart disease ....(410-414)	58	162.0	55	2	1	20	625.0	20		
Other heart diseases ....(415-429)	20	55.9	17	2	1	5	156.3	5		
Hypertension with or without renal disease ....(401,403)						1	31.3		1	
Cerebrovascular disease ....(430-438)	15	41.9	15			6	187.5	6		
Arteriosclerosis ....(440)	2	5.6	2							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	3	8.4	3							
Pneumonia and influenza ....(480-487)	10	27.9	9		1	4	125.0	4		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	8	22.3	8			1	31.3	1		
Ulcer of stomach and duodenum ....(531-533)	1	2.8	1							
Chronic liver disease and cirrhosis ....(571)	1	2.8			1					
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	2.8	1							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	2	5.6	2							
All other diseases ....(Residual)	10	27.9	10			3	93.8	3		
Motor vehicle accidents ....(E810-E825)	7	19.6	7							
All other accidents and adverse effects ....(E800-E807, E826-E949)	6	16.8	6							
Suicide ....(E950-E959)	3	8.4	3			1	31.3	1		
Homicide and legal intervention ....(E960-E978)	3	8.4	3							
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	SULPHUR					TAHLEQUAH				
POPULATION	5,200					13,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	71	1365.4	52	2	17	194	1447.8	85	9	100
Physician in hospital	71	100.0	52	2	17	171	88.1	83	9	79
Physician not in hospital										
Midwife, other, or unknown						23	11.9	2		21
Stillbirths	1	13.9	1			1	5.1			1
Physician in hospital						1	100.0			1
Physician not in hospital	1	100.0	1							
Midwife, other, or unknown										
Total deaths, all causes	96	1846.2	87		9	170	1268.7	147	1	22
Deaths under 1 year	2	28.2	1		1	4	20.6	3	1	
Deaths under 1 month						1	5.2	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						3	22.4	1		2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	15	288.5	15			31	231.3	25		6
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	19.2	1			4	29.9	3		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	153.8	8			9	67.2	8		1
Malignant neoplasm of breast (174-175)	1	19.2	1			2	14.9	2		
Malignant neoplasm of genital organs (179-187)						4	29.9	3		1
Malignant neoplasm of urinary organs (188-189)	2	38.5	2			2	14.9	1		1
Leukemia (204-208)						1	7.5	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	57.7	3			9	67.2	7		2
Diabetes mellitus (250)	1	19.2	1			1	7.5			1
Major cardiovascular diseases (390-448)	50	961.5	46		4	78	582.1	73		5
Diseases of the heart (390-398, 402, 404-429)	45	865.4	41		4	57	425.4	54		3
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	30	576.9	27		3	44	328.4	42		2
Other heart diseases (415-429)	15	288.5	14		1	13	97.0	12		1
Hypertension with or without renal disease (401,403)						1	7.5	1		
Cerebrovascular disease (430-438)	2	38.5	2			16	119.4	15		1
Arteriosclerosis (440)	1	19.2	1			3	22.4	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	38.5	2			1	7.5			1
Pneumonia and influenza (480-487)	5	96.2	4		1	12	89.6	12		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	38.5	2			10	74.6	8		2
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						1	7.5	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	57.7	3			3	22.4	1		2
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	19.2	1			3	22.4	3		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	2	38.5	1		1	2	14.9	1	1	
All other diseases (Residual)	10	192.3	9		1	15	111.9	12		3
Motor vehicle accidents (E810-E825)	3	57.7	2		1	4	29.9	4		
All other accidents and adverse effects (E800-E807, E826-E949)	4	76.9	3		1	3	22.4	2		1
Suicide (E950-E959)						3	22.4	3		
Homicide and legal intervention (E960-E978)						1	7.5	1		
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	TECUMSEH					THE VILLAGE				
POPULATION	5,900					12,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	80	1355.9	65	2	13	3	24.8	3		
Physician in hospital................................	80	100.0	65	2	13	2	66.7	2		
Physician not in hospital...........................						1	33.3	1		
Midwife, other, or unknown..........................										
Stillbirths..	3	36.1	3			1	250.0	1		
Physician in hospital................................	3	100.0	3			1	100.0	1		
Physician not in hospital...........................										
Midwife, other, or unknown..........................										
Total deaths, all causes...........................	73	1237.3	71		2	18	148.8	16	2	
Deaths under 1 year.................................	2	25.0	1		1					
Deaths under 1 month................................	2	25.0	1		1					
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	2	33.9	2							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	14	237.3	14			2	16.5	2		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	6	101.7	6			1	8.3	1		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	3	50.8	3							
Malignant neoplasm of breast ....(174-175)	1	16.9	1			1	8.3	1		
Malignant neoplasm of genital organs ....(179-187)	1	16.9	1							
Malignant neoplasm of urinary organs .(188-189)	2	33.9	2							
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1	16.9	1							
Diabetes mellitus ....(250)	3	50.8	3			1	8.3	1		
Major cardiovascular diseases ....(390-448)	33	559.3	33			6	49.6	6		
Diseases of the heart ....(390-398, 402, 404-429)	29	491.5	29			5	41.3	5		
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	25	423.7	25			5	41.3	5		
Other heart diseases ....(415-429)	4	67.8	4							
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	3	50.8	3			1	8.3	1		
Arteriosclerosis ....(440)										
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	16.9	1							
Pneumonia and influenza ....(480-487)	4	67.8	4							
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	1	16.9	1			2	16.5	2		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	2	33.9	2							
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	16.9	1							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)	2	33.9	1		1					
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	9	152.5	9			4	33.1	4		
Motor vehicle accidents ....(E810-E825)										
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	33.9	1		1					
Suicide ....(E950-E959)						1	8.3	1		
Homicide and legal intervention ....(E960-E978)						2	16.5		2	
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	TISHOMINGO					TONKAWA				
POPULATION	3,500					3,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	43	1228.6	31	2	10	45	1250.0	38		7
Physician in hospital	43	100.0	31	2	10	45	100.0	38		7
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths	1	22.7	1			1	21.7	1		
Physician in hospital	1	100.0	1			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	50	1428.6	46		4	42	1166.7	40		2
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	28.6	1			1	27.8	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2	57.1	2			9	250.0	9		
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	28.6	1			1	27.8	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						4	111.1	4		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)						1	27.8	1		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	27.8	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	28.6	1			2	55.6	2		
Diabetes mellitus (250)						1	27.8	1		
Major cardiovascular diseases (390-448)	37	1057.1	33		4	20	555.6	19		1
Diseases of the heart (390-398, 402, 404-429)	30	857.1	27		3	9	250.0	8		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	28.6			1					
Ischemic heart disease (410-414)	25	714.3	23		2	5	138.9	5		
Other heart diseases (415-429)	4	114.3	4			4	111.1	3		1
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	6	171.4	6			11	305.6	11		
Arteriosclerosis (440)	1	28.6			1					
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	4	114.3	4			2	55.6	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	57.1	2			4	111.1	4		
Ulcer of stomach and duodenum (531-533)						1	27.8	1		
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	28.6	1			2	55.6	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	1	28.6	1			2	55.6	1		1
Motor vehicle accidents (E810-E825)	1	28.6	1							
All other accidents and adverse effects (E800-E807, E826-E949)	1	28.6	1							
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	TULSA					TUTTLE				
POPULATION	368,300					3,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	6,265	1701.1	4,594	1,144	527	43	1162.2	42		1
Physician in hospital	6,121	97.7	4,514	1,129	478	43	100.0	42		1
Physician not in hospital	2		1	1						
Midwife, other, or unknown	142	2.3	79	14	49					
Stillbirths	47	7.4	32	13	2	1	22.7	1		
Physician in hospital	46	97.9	31	13	2	1	100.0	1		
Physician not in hospital	1	2.1	1							
Midwife, other, or unknown										
Total deaths, all causes	3,401	923.4	2,947	414	40	18	486.5	16	1	1
Deaths under 1 year	65	10.4	49	15	1					
Deaths under 1 month	39	6.2	31	8						
Tuberculosis (010-018)	3	.8	3							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	56	15.2	48	6	2					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	743	201.7	643	94	6	2	54.1	2		
Malignant neoplasm of digestive organs and peritoneum (150-159)	156	42.4	124	30	2					
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	275	74.7	239	32	4	2	54.1	2		
Malignant neoplasm of breast (174-175)	62	16.8	54	8						
Malignant neoplasm of genital organs (179-187)	79	21.4	67	12						
Malignant neoplasm of urinary organs (188-189)	20	5.4	18	2						
Leukemia (204-208)	29	7.9	27	2						
Other malignant neoplasms (140-149, 170-173, 190-203)	122	33.1	114	8						
Diabetes mellitus (250)	63	17.1	43	20						
Major cardiovascular diseases (390-448)	1,590	431.7	1,408	166	16	12	324.3	10	1	1
Diseases of the heart (390-398, 402, 404-429)	1,213	329.4	1,076	124	13	10	270.3	8	1	1
Rheumatic fever and rheumatic heart disease (390-398)	5	1.4	5							
Hypertensive heart disease with or without renal disease (402,404)	31	8.4	26	4	1					
Ischemic heart disease (410-414)	879	238.7	796	75	8	4	108.1	4		
Other heart diseases (415-429)	298	80.9	249	45	4	6	162.2	4	1	1
Hypertension with or without renal disease (401,403)	13	3.5	9	4						
Cerebrovascular disease (430-438)	296	80.4	259	34	3	2	54.1	2		
Arteriosclerosis (440)	33	9.0	30	3						
Other diseases of arterioes, arterioles, and capillaries (441-448)	35	9.5	34	1						
Pneumonia and influenza (480-487)	106	28.8	100	6		2	54.1	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	160	43.4	150	9	1					
Ulcer of stomach and duodenum (531-533)	5	1.4	4	1						
Chronic liver disease and cirrhosis (571)	38	10.3	32	4	2					
Nephritis, nephrotic syndrome and nephrosis (580-589)	36	9.8	27	9						
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	24	6.5	18	6						
Certain conditions originating in the perinatal period (760-779)	26	7.1	18	8						
Symptoms, signs, and ill-defined conditions (780-799)	40	10.9	31	8	1					
All other diseases (Residual)	303	82.3	261	38	4	1	27.0	1		
Motor vehicle accidents (E810-E825)	56	15.2	42	10	4	1	27.0	1		
All other accidents and adverse effects (E800-E807, E826-E949)	59	16.0	51	8						
Suicide (E950-E959)	47	12.8	42	3	2					
Homicide and legal intervention (E960-E978)	43	11.7	25	16	2					
All other external causes (E980-E999)	3	.8	1	2						

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	VINITA					WAGONER				
POPULATION	6,400					6,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	81	1265.6	51	9	21	119	1724.6	81	13	25
Physician in hospital	78	96.3	51	9	18	116	97.5	80	13	23
Physician not in hospital										
Midwife, other, or unknown	3	3.7			3	3	2.5	1		2
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	140	2187.5	130	6	4	93	1347.8	83	7	3
Deaths under 1 year	1	12.3	1			1	8.4		1	
Deaths under 1 month						1	8.4		1	
Tuberculosis (010-018)	1	15.6	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	14.5	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	22	343.8	22			18	260.9	14	1	3
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	31.3	2			4	58.0	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	11	171.9	11			6	87.0	5		1
Malignant neoplasm of breast (174-175)	1	15.6	1			3	43.5	1	1	1
Malignant neoplasm of genital organs (179-187)	2	31.3	2			2	29.0	2		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	14.5			1
Other malignant neoplasms (140-149, 170-173, 190-203)	6	93.8	6			2	29.0	2		
Diabetes mellitus (250)	6	93.8	3	1	2	1	14.5	1		
Major cardiovascular diseases (390-448)	65	1015.6	62	3		51	739.1	48	3	
Diseases of the heart (390-398, 402, 404-429)	38	593.8	37	1		40	579.7	38	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	15.6	1			1	14.5		1	
Ischemic heart disease (410-414)	25	390.6	24	1		30	434.8	29	1	
Other heart diseases (415-429)	12	187.5	12			9	130.4	9		
Hypertension with or without renal disease (401, 403)										
Cerebrovascular disease (430-438)	20	312.5	19	1		8	115.9	7	1	
Arteriosclerosis (440)	4	62.5	4			2	29.0	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	46.9	2	1		1	14.5	1		
Pneumonia and influenza (480-487)	12	187.5	11		1	5	72.5	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	93.8	6			1	14.5	1		
Ulcer of stomach and duodenum (531-533)	1	15.6	1							
Chronic liver disease and cirrhosis (571)	4	62.5	3	1						
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	93.8	5		1	3	43.5	2	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	31.3	2							
Certain conditions originating in the perinatal period (760-779)						1	14.5		1	
Symptoms, signs, and ill-defined conditions (780-799)	1	15.6	1							
All other diseases (Residual)	11	171.9	10	1		10	144.9	10		
Motor vehicle accidents (E810-E825)	1	15.6	1			1	14.5	1		
All other accidents and adverse effects (E800-E807, E826-E949)	1	15.6	1			1	14.5		1	
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)	1	15.6	1							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	WALTERS					WARR ACRES				
POPULATION	2,600					10,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	43	1653.8	32		11	12	115.4	12		
Physician in hospital	42	97.7	31		11	12	100.0	12		
Physician not in hospital										
Midwife, other, or unknown	1	2.3	1							
Stillbirths						1	76.9	1		
Physician in hospital						1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	44	1692.3	43		1	10	96.2	9	1	
Deaths under 1 year	1	23.3	1							
Deaths under 1 month										
Tuberculosis (010-018)	1	38.5	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5	192.3	4		1	2	19.2	2		
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	38.5	1							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						1	9.6	1		
Malignant neoplasm of breast (174-175)	1	38.5	1							
Malignant neoplasm of genital organs (179-187)	1	38.5	1							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	2	76.9	1		1	1	9.6	1		
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	27	1038.5	27			6	57.7	5	1	
Diseases of the heart (390-398, 402, 404-429)	22	846.2	22			4	38.5	3	1	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	11	423.1	11			2	19.2	2		
Other heart diseases (415-429)	11	423.1	11			2	19.2	1	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	5	192.3	5							
Arteriosclerosis (440)						1	9.6	1		
Other diseases of arteries, arterioles, and capillaries (441-448)						1	9.6	1		
Pneumonia and influenza (480-487)										
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	153.8	4			1	9.6	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	38.5	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	38.5	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	38.5	1							
All other diseases (Residual)	4	153.8	4			1	9.6	1		
Motor vehicle accidents (E810-E825)										
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	WATONGA					WEATHERFORD				
POPULATION	3,800					10,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	51	1342.1	30	6	15	133	1278.8	121	4	8
Physician in hospital	50	98.0	30	6	14	132	99.2	120	4	8
Physician not in hospital	1	2.0			1					
Midwife, other, or unknown						1	.8	1		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	53	1394.7	45	4	4	68	653.8	66	1	1
Deaths under 1 year	1	19.6	1							
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	26.3	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	9	236.8	8	1		13	125.0	13		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	105.3	4			3	28.8	3		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1	26.3		1		3	28.8	3		
Malignant neoplasm of breast (174-175)	1	26.3	1			1	9.6	1		
Malignant neoplasm of genital organs (179-187)						3	28.8	3		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	3	78.9	3			3	28.8	3		
Diabetes mellitus (250)	2	52.6	2			2	19.2	2		
Major cardiovascular diseases (390-448)	24	631.6	20	2	2	32	307.7	30	1	1
Diseases of the heart (390-398, 402, 404-429)	20	526.3	16	2	2	28	269.2	26	1	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						2	19.2	2		
Ischemic heart disease (410-414)	19	500.0	15	2	2	17	163.5	16	1	
Other heart diseases (415-429)	1	26.3	1			9	86.5	8		1
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	105.3	4			3	28.8	3		
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	9.6	1		
Pneumonia and influenza (480-487)	1	26.3	1			6	57.7	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	52.6	2			4	38.5	4		
Ulcer of stomach and duodenum (531-533)						2	19.2	2		
Chronic liver disease and cirrhosis (571)	1	26.3			1					
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	26.3	1			2	19.2	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	4	105.3	4							
All other diseases (Residual)	3	78.9	1	1	1	4	38.5	4		
Motor vehicle accidents (E810-E825)	5	131.6	5							
All other accidents and adverse effects (E800-E807, E826-E949)						1	9.6	1		
Suicide (E950-E959)						2	19.2	2		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	WEWOKA					WILBURTON				
POPULATION	4,300					3,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	72	1674.4	18	21	33	50	1515.2	40	2	8
Physician in hospital	71	98.6	18	20	33	50	100.0	40	2	8
Physician not in hospital	1	1.4		1						
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	80	1860.5	61	14	5	42	1272.7	39	1	2
Deaths under 1 year						1	20.0	1		
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	15	348.8	10	2	3	5	151.5	5		
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	139.5	3	1	2	2	60.6	2		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	116.3	4	1		1	30.3	1		
Malignant neoplasm of breast (174-175)	3	69.8	3							
Malignant neoplasm of genital organs (179-187)	1	23.3			1					
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)						2	60.6	2		
Diabetes mellitus (250)	4	93.0	2	2		1	30.3	1		
Major cardiovascular diseases (390-448)	45	1046.5	37	8		26	787.9	24		2
Diseases of the heart (390-398, 402, 404-429)	42	976.7	34	8		21	636.4	20		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	35	814.0	29	6		14	424.2	13		1
Other heart diseases (415-429)	7	162.8	5	2		7	212.1	7		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	3	69.8	3			5	151.5	4		1
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	3	69.8	3							
Chronic obstructive pulmonary disease and allied conditions (490-496)						1	30.3	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	23.3	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	30.3	1		
All other diseases (Residual)	3	69.8	2	1		6	181.8	5	1	
Motor vehicle accidents (E810-E825)	1	23.3	1							
All other accidents and adverse effects (E800-E807, E826-E949)	3	69.8	3			1	30.3	1		
Suicide (E950-E959)						1	30.3	1		
Homicide and legal intervention (E960-E978)	4	93.0	1	1	2					
All other external causes (E980-E999)	1	23.3	1							

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	WOODWARD					WYNNEWOOD				
POPULATION	13,300					2,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	202	1518.8	194		8	29	1115.4	23	5	1
Physician in hospital	202	100.0	194		8	28	96.6	22	5	1
Physician not in hospital										
Midwife, other, or unknown						1	3.4	1		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	132	992.5	131		1	48	1846.2	45	3	
Deaths under 1 year	1	5.0	1							
Deaths under 1 month	1	5.0	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	7.5	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	19	142.9	19			10	384.6	10		
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	37.6	5			1	38.5	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	22.6	3			2	76.9	2		
Malignant neoplasm of breast (174-175)	3	22.6	3			1	38.5	1		
Malignant neoplasm of genital organs (179-187)	5	37.6	5							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	1	7.5	1			1	38.5	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	15.0	2			5	192.3	5		
Diabetes mellitus (250)	5	37.6	5							
Major cardiovascular diseases (390-448)	74	556.4	74			29	1115.4	26	3	
Diseases of the heart (390-398, 402, 404-429)	55	413.5	55			12	461.5	11	1	
Rheumatic fever and rheumatic heart disease (390-398)	2	15.0	2							
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	43	323.3	43			11	423.1	10	1	
Other heart diseases (415-429)	10	75.2	10			1	38.5	1		
Hypertension with or without renal disease (401,403)						1	38.5		1	
Cerebrovascular disease (430-438)	15	112.8	15			1	38.5	1		
Arteriosclerosis (440)	1	7.5	1			15	576.9	14	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	22.6	3							
Pneumonia and influenza (480-487)	2	15.0	2			3	115.4	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	7	52.6	7							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	7.5	1			1	38.5	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	7.5	1							
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	7.5	1							
All other diseases (Residual)	15	112.8	14		1	1	38.5	1		
Motor vehicle accidents (E810-E825)	2	15.0	2			1	38.5	1		
All other accidents and adverse effects (E800-E807, E826-E949)	1	7.5	1			1	38.5	1		
Suicide (E950-E959)	3	22.6	3			2	76.9	2		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1988

	YUKON				
POPULATION	26,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	490	1870.2	474	8	8
Physician in hospital..............................	481	98.2	465	8	8
Physician not in hospital..........................					
Midwife, other, or unknown.........................	9	1.8	9		
Stillbirths..	1	2.0	1		
Physician in hospital..............................	1	100.0	1		
Physician not in hospital..........................					
Midwife, other, or unknown.........................					
Total deaths, all causes.............................	141	538.2	140		1
Deaths under 1 year................................	2	4.1	2		
Deaths under 1 month...............................	2	4.1	2		
Tuberculosis ....(010-018)	1	3.8	1		
Syphilis ....(090-097)					
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	4	15.3	4		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	24	91.6	24		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	2	7.6	2		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	8	30.5	8		
Malignant neoplasm of breast ....(174-175)	1	3.8	1		
Malignant neoplasm of genital organs ....(179-187)	3	11.5	3		
Malignant neoplasm of urinary organs .(188-189)					
Leukemia ....(204-208)	1	3.8	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	9	34.4	9		
Diabetes mellitus ....(250)	3	11.5	2		1
Major cardiovascular diseases ....(390-448)	57	217.6	57		
Diseases of the heart ....(390-398, 402, 404-429)	49	187.0	49		
Rheumatic fever and rheumatic heart disease ....(390-398)					
Hypertensive heart disease with or without renal disease ....(402,404)					
Ischemic heart disease ....(410-414)	31	118.3	31		
Other heart diseases ....(415-429)	18	68.7	18		
Hypertension with or without renal disease ....(401,403)					
Cerebrovascular disease ....(430-438)	5	19.1	5		
Arteriosclerosis ....(440)	1	3.8	1		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	2	7.6	2		
Pneumonia and influenza ....(480-487)	4	15.3	4		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	6	22.9	6		
Ulcer of stomach and duodenum ....(531-533)					
Chronic liver disease and cirrhosis ....(571)					
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	3.8	1		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)					
Congenital anomalies ....(740-759)	2	7.6	2		
Certain conditions originating in the perinatal period ....(760-779)	1	3.8	1		
Symptoms, signs, and ill-defined conditions ....(780-799)					
All other diseases ....(Residual)	21	80.2	21		
Motor vehicle accidents ....(E810-E825)	7	26.7	7		
All other accidents and adverse effects ....(E800-E807, E826-E949)	5	19.1	5		
Suicide ....(E950-E959)	5	19.1	5		
Homicide and legal intervention ....(E960-E978)					
All other external causes ....(E980-E989)					

TABLE VIII
RESIDENT BIRTHS BY COUNTY, RACE, AND SEX
OKLAHOMA, 1988

	ALL RACES			WHITE			BLACK			INDIAN		
COUNTY	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ADAIR	364	181	183	111	57	54				253	124	129
ALFALFA	74	38	36	74	38	36						
ATOKA	163	87	76	120	65	55	13	6	7	30	16	14
BEAVER	77	50	27	75	50	25				2		2
BECKHAM	284	153	131	263	137	126	8	6	2	13	10	3
BLAINE	167	84	83	121	67	54	9	6	3	37	11	26
BRYAN	441	223	218	368	184	184	8	5	3	65	34	31
CADDO	492	253	239	278	143	135	16	8	8	198	102	96
CANADIAN	1,077	561	516	1,005	524	481	28	18	10	44	19	25
CARTER	606	299	307	488	243	245	68	32	36	50	24	26
CHEROKEE	484	245	239	201	105	96	9	7	2	274	133	141
CHOCTAW	234	135	99	133	79	54	46	22	24	55	34	21
CIMARRON	44	21	23	44	21	23						
CLEVELAND	2,216	1,158	1,058	2,019	1,053	966	74	34	40	123	71	52
COAL	74	33	41	52	25	27	2	1	1	20	7	13
COMANCHE	2,261	1,178	1,083	1,551	817	734	558	280	278	152	81	71
COTTON	77	40	37	58	32	26	2		2	17	8	9
CRAIG	200	97	103	126	59	67	12	7	5	62	31	31
CREEK	854	435	419	689	342	347	45	23	22	120	70	50
CUSTER	382	175	207	315	138	177	19	7	12	48	30	18
DELAWARE	371	175	196	211	94	117	1		1	159	81	78
DEWEY	70	40	30	63	39	24				7	1	6
ELLIS	35	18	17	35	18	17						
GARFIELD	823	410	413	750	375	375	48	22	26	25	13	12
GARVIN	353	170	183	302	145	157	19	4	15	32	21	11
GRADY	580	301	279	527	272	255	25	14	11	28	15	13
GRANT	59	28	31	57	28	29	1		1	1		1
GREER	76	35	41	66	32	34	6	2	4	4	1	3
HARMON	51	29	22	44	26	18	5	2	3	2	1	1
HARPER	43	21	22	42	20	22				1	1	
HASKELL	144	74	70	115	58	57	1	1		28	15	13
HUGHES	143	81	62	79	46	33	6	3	3	58	32	26
JACKSON	614	315	299	525	267	258	78	41	37	11	7	4
JEFFERSON	81	30	51	74	29	45	3	1	2	4		4
JOHNSTON	129	53	76	93	40	53	2	1	1	34	12	22
KAY	655	341	314	549	290	259	18	11	7	88	40	48
KINGFISHER	186	98	88	179	96	83	4	2	2	3		3
KIOWA	166	91	75	128	71	57	16	8	8	22	12	10
LATIMER	126	70	56	100	55	45	2	1	1	24	14	10
LEFLORE	604	312	292	491	252	239	17	9	8	96	51	45
LINCOLN	360	174	186	306	144	162	14	6	8	40	24	16
LOGAN	363	176	187	314	147	167	39	22	17	10	7	3
LOVE	112	57	55	103	55	48	2		2	7	2	5
MCCLAIN	303	150	153	287	137	150	4	3	1	12	10	2
MCCURTAIN	580	302	278	362	180	182	83	42	41	135	80	55
MCINTOSH	171	81	90	110	49	61	4	4		57	28	29
MAJOR	110	63	47	109	63	46				1		1
MARSHALL	117	61	56	87	44	43				30	17	13
MAYES	507	286	221	276	157	119	2	1	1	229	128	101
MURRAY	136	79	57	104	58	46	8	3	5	24	18	6
MUSKOGEE	1,018	520	498	630	318	312	191	100	91	197	102	95
NOBLE	163	83	80	138	77	61	1		1	24	6	18
NOWATA	110	54	56	84	43	41	4		4	22	11	11
OKFUSKEE	142	66	76	83	38	45	16	9	7	43	19	24
OKLAHOMA	10,146	5,171	4,975	7,684	3,911	3,773	2,059	1,057	1,002	403	203	200
OKMULGEE	533	270	263	346	174	172	87	40	47	100	56	44
OSAGE	488	241	247	339	165	174	37	20	17	112	56	56
OTTAWA	448	228	220	320	164	156	1	1		127	63	64
PAWNEE	212	115	97	179	94	85	1		1	32	21	11
PAYNE	756	385	371	683	345	338	32	13	19	41	27	14
PITTSBURG	502	267	235	409	222	187	18	6	12	75	39	36
PONTOTOC	459	245	214	347	189	158	10	6	4	102	50	52
POTTAWATOMIE	797	426	371	652	351	301	27	15	12	118	60	58
PUSHMATAHA	149	80	69	111	55	56	3	2	1	35	23	12
ROGER MILLS	51	27	24	42	22	20	1	1		8	4	4
ROGERS	762	402	360	555	289	266	12	6	6	195	107	88
SEMINOLE	364	190	174	197	94	103	30	17	13	137	79	58
SEQUOYAH	478	253	225	313	166	147	13	8	5	152	79	73
STEPHENS	531	268	263	482	246	236	19	10	9	30	12	18
TEXAS	220	132	88	212	130	82	3	1	2	5	1	4
TILLMAN	181	102	79	151	86	65	19	11	8	11	5	6
TULSA	8,391	4,273	4,118	6,480	3,305	3,175	1,184	584	600	727	384	343
WAGONER	640	330	310	504	259	245	27	13	14	109	58	51
WASHINGTON	603	312	291	515	262	253	23	12	11	65	38	27
WASHITA	140	78	62	132	73	59				8	5	3
WOODS	98	50	48	97	50	47				1		1
WOODWARD	257	121	136	247	116	131				10	5	5
UNKNOWN	1	1		1	1							
ENTIRE STATE	47,279	24,257	23,022	36,512	18,711	17,801	5,143	2,597	2,546	5,624	2,949	2,675

TABLE IX
RESIDENT DEATHS BY COUNTY, RACE, AND SEX
OKLAHOMA, 1988

	ALL RACES			WHITE			BLACK			INDIAN		
COUNTY	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ADAIR	213	136	77	162	105	57				51	31	20
ALFALFA	102	48	54	102	48	54						
ATOKA	127	73	54	113	65	48	6	3	3	8	5	3
BEAVER	49	31	18	49	31	18						
BECKHAM	255	140	115	245	134	111	5	5		5	1	4
BLAINE	199	82	117	178	73	105	7	4	3	14	5	9
BRYAN	322	169	153	309	162	147	6	3	3	7	4	3
CADDO	394	231	163	326	194	132	8	4	4	60	33	27
CANADIAN	411	225	186	387	212	175	17	10	7	7	3	4
CARTER	508	279	229	457	250	207	33	20	13	18	9	9
CHEROKEE	333	181	152	263	142	121	2		2	68	39	29
CHOCTAW	219	123	96	183	107	76	26	12	14	10	4	6
CIMARRON	38	21	17	38	21	17						
CLEVELAND	846	439	407	825	423	402	7	7		14	9	5
COAL	83	40	43	80	40	40				3		3
COMANCHE	710	378	332	590	314	276	98	51	47	22	13	9
COTTON	95	49	46	91	46	45	1	1		3	2	1
CRAIG	222	117	105	200	106	94	7	4	3	15	7	8
CREEK	541	271	270	504	251	253	25	12	13	12	8	4
CUSTER	252	145	107	234	135	99	4	3	1	14	7	7
DELAWARE	351	192	159	313	165	148				38	27	11
DEWEY	89	43	46	82	38	44				7	5	2
ELLIS	57	32	25	57	32	25						
GARFIELD	601	301	300	581	293	288	18	7	11	2	1	1
GARVIN	412	230	182	392	219	173	14	8	6	6	3	3
GRADY	402	208	194	386	197	189	11	8	3	5	3	2
GRANT	70	41	29	70	41	29						
GREER	117	61	56	115	59	56	2	2				
HARMON	60	34	26	55	30	25	5	4	1			
HARPER	54	31	23	54	31	23						
HASKELL	178	109	69	168	102	66				10	7	3
HUGHES	188	93	95	162	78	84	2	2		24	13	11
JACKSON	250	110	140	223	100	123	26	10	16	1		1
JEFFERSON	114	45	69	114	45	69						
JOHNSTON	110	53	57	100	46	54	1		1	9	7	2
KAY	526	264	262	485	242	243	15	6	9	26	16	10
KINGFISHER	136	77	59	129	74	55	6	2	4	1	1	
KIOWA	184	100	84	170	91	79	9	5	4	5	4	1
LATIMER	118	68	50	110	63	47	4	2	2	4	3	1
LEFLORE	496	252	244	470	237	233	5	2	3	21	13	8
LINCOLN	310	165	145	289	155	134	16	7	9	5	3	2
LOGAN	311	160	151	276	140	136	35	20	15			
LOVE	76	44	32	67	41	26	6	3	3	3		3
MCCLAIN	209	115	94	200	111	89	5	3	2	4	1	3
MCCURTAIN	341	184	157	267	148	119	47	19	28	27	17	10
MCINTOSH	223	107	116	177	85	92	23	9	14	23	13	10
MAJOR	83	58	25	83	58	25						
MARSHALL	140	89	51	134	84	50	4	3	1	2	2	
MAYES	341	193	148	312	181	131				29	12	17
MURRAY	181	100	81	168	91	77	2	1	1	11	8	3
MUSKOGEE	768	387	381	633	320	313	117	58	59	18	9	9
NOBLE	133	70	63	118	63	55	5		5	10	7	3
NOWATA	134	73	61	129	70	59	4	3	1	1		1
OKFUSKEE	163	83	80	123	64	59	14	9	5	26	10	16
OKLAHOMA	5,227	2,633	2,594	4,564	2,265	2,299	599	333	266	64	35	29
OKMULGEE	438	197	241	354	164	190	68	27	41	16	6	10
OSAGE	328	171	157	286	147	139	6	4	2	36	20	16
OTTAWA	349	176	173	319	159	160				30	17	13
PAWNEE	191	97	94	177	91	86	3	2	1	11	4	7
PAYNE	458	232	226	438	223	215	14	7	7	6	2	4
PITTSBURG	512	255	257	463	232	231	30	13	17	19	10	9
PONTOTOC	346	175	171	322	167	155	5	3	2	19	5	14
POTTAWATOMIE	621	324	297	577	301	276	12	6	6	32	17	15
PUSHMATAHA	142	81	61	133	77	56	2	1	1	7	3	4
ROGER MILLS	42	19	23	42	19	23						
ROGERS	435	210	225	402	196	206	7	1	6	26	13	13
SEMINOLE	338	177	161	290	151	139	25	11	14	23	15	8
SEQUOYAH	341	201	140	305	179	126	8	5	3	28	17	11
STEPHENS	441	218	223	425	214	211	12	3	9	4	1	3
TEXAS	131	68	63	131	68	63						
TILLMAN	133	71	62	112	59	53	19	10	9	2	2	
TULSA	4,236	2,097	2,139	3,762	1,841	1,921	416	228	188	58	28	30
WAGONER	285	150	135	251	136	115	29	13	16	5	1	4
WASHINGTON	459	219	240	436	209	227	9	4	5	14	6	8
WASHITA	139	75	64	139	75	64						
WOODS	136	61	75	136	61	75						
WOODWARD	178	91	87	177	90	87				1	1	
UNKNOWN	15	11	4	15	11	4						
ENTIRE STATE	29,766	15,359	14,407	26,804	13,788	13,016	1,912	1,003	909	1,050	568	482

TABLE X
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY MONTH, OKLAHOMA, 1988

	TOTAL	JAN	FEB	MAR	APR	MAY	JUN
Live Births	47,279	3,802	3,722	3,982	3,721	3,857	3,949
Physician in hospital	46,287	3,729	3,619	3,884	3,642	3,785	3,865
Physician not in hospital	48	5	5	6	5	2	5
Midwife, other, or unknown	944	68	98	92	74	70	79
Stillbirths	360	35	37	34	26	20	35
Physician in hospital	339	32	34	31	24	19	31
Physician not in hospital	17	2	1	3	2	1	3
Midwife, other, or unknown	4	1	2				1
Total deaths, all causes	29,766	2,800	2,868	2,854	2,371	2,384	2,236
Deaths under 1 year	428	43	33	43	35	33	33
Deaths under 1 month	246	18	15	23	21	25	24
Tuberculosis (010-018)	28	2	4	3	1	2	2
Syphilis (090-097)	1						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	436	51	40	41	31	39	37
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,350	585	530	543	470	491	490
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,408	120	105	121	104	117	114
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,021	189	170	161	136	159	169
Malignant neoplasm of breast (174-175)	490	47	50	44	35	46	32
Malignant neoplasm of genital organs (179-187)	704	74	73	64	56	40	54
Malignant neoplasm of urinary organs (188-189)	250	22	15	20	22	18	22
Leukemia (204-208)	220	18	17	16	17	23	16
Other malignant neoplasms (140-149, 170-173, 190-203)	1,257	115	100	117	100	88	83
Diabetes mellitus (250)	540	42	61	69	45	34	43
Major cardiovascular diseases (390-448)	14,015	1,301	1,413	1,340	1,166	1,153	1,028
Diseases of the heart (390-398, 402, 404-429)	10,905	998	1,107	1,030	936	905	785
Rheumatic fever and rheumatic heart disease (390-398)	53	5	3	7	6	5	4
Hypertensive heart disease with or without renal disease (402,404)	165	11	8	12	20	16	11
Ischemic heart disease (410-414)	7,590	706	754	715	659	619	539
Other heart diseases (415-429)	3,096	276	342	296	251	265	231
Hypertension with or without renal disease (401,403)	92	9	11	11	3	3	7
Cerebrovascular disease (430-438)	2,310	229	227	241	169	182	166
Arteriosclerosis (440)	401	39	41	38	24	30	45
Other diseases of arterioes, arterioles, and capillaries (441-448)	307	26	27	20	34	33	25
Pneumonia and influenza (480-487)	1,163	145	173	185	78	91	57
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,218	140	159	139	95	97	75
Ulcer of stomach and duodenum (531-533)	78	10	7	6	6	7	6
Chronic liver disease and cirrhosis (571)	286	33	28	20	31	20	20
Nephritis, nephrotic syndrome and nephrosis (580-589)	415	49	39	34	29	33	30
Complications of pregnancy, childbirth, and the puerperium (630-676)	7	1	1				1
Congenital anomalies (740-759)	172	15	9	20	18	15	8
Certain conditions originating in the perinatal period (760-779)	155	13	9	12	10	16	18
Symptoms, signs, and ill-defined conditions (780-799)	286	27	34	27	18	19	27
All other diseases (Residual)	2,502	217	238	235	214	178	200
Motor vehicle accidents (E810-E825)	668	35	31	52	48	71	73
All other accidents and adverse effects (E800-E807, E826-E949)	703	72	54	57	59	58	63
Suicide (E950-E959)	436	36	21	34	28	42	34
Homicide and legal intervention (E960-E978)	271	21	12	35	21	16	16
All other external causes (E980-E999)	37	5	5	2	3	2	8

TABLE X
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY MONTH, OKLAHOMA, 1988

	TOTAL	JUL	AUG	SEP	OCT	NOV	DEC
Live Births	47,279	4,248	4,321	4,146	3,961	3,770	3,800
Physician in hospital	46,287	4,152	4,241	4,075	3,871	3,699	3,725
Physician not in hospital	48	3	4	3	3	3	4
Midwife, other, or unknown	944	93	76	68	87	68	71
Stillbirths	360	23	36	28	22	28	36
Physician in hospital	339	22	35	28	21	27	35
Physician not in hospital	17	1	1		1	1	1
Midwife, other, or unknown	4						
Total deaths, all causes	29,766	2,297	2,322	2,243	2,434	2,323	2,634
Deaths under 1 year	428	36	25	30	35	42	40
Deaths under 1 month	246	25	16	17	16	25	21
Tuberculosis (010-018)	28	2	3	4	2		3
Syphilis (090-097)	1				1		
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	437	32	30	25	31	40	40
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,350	550	564	495	573	539	520
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,408	122	117	113	128	133	114
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,021	159	180	163	195	173	167
Malignant neoplasm of breast (174-175)	490	41	48	35	32	34	46
Malignant neoplasm of genital organs (179-187)	704	71	60	47	52	61	52
Malignant neoplasm of urinary organs (188-189)	250	26	21	20	30	16	18
Leukemia (204-208)	220	18	21	16	24	18	16
Other malignant neoplasms (140-149, 170-173, 190-203)	1,257	113	117	101	112	104	107
Diabetes mellitus (250)	540	44	30	49	31	35	57
Major cardiovascular diseases (390-448)	14,015	1,052	1,060	1,067	1,140	1,034	1,261
Diseases of the heart (390-398, 402, 404-429)	10,905	798	835	825	895	805	986
Rheumatic fever and rheumatic heart disease (390-398)	53	3	6	6	4	3	1
Hypertensive heart disease with or without renal disease (402,404)	165	14	15	11	13	13	21
Ischemic heart disease (410-414)	7,590	549	590	578	635	561	685
Other heart diseases (415-429)	3,096	231	224	230	243	228	279
Hypertension with or without renal disease (401,403)	92	10	8	8	6	6	10
Cerebrovascular disease (430-438)	2,310	193	163	190	187	173	190
Arteriosclerosis (440)	401	23	38	18	30	30	45
Other diseases of arterioes, arterioles, and capillaries (441-448)	307	28	16	26	22	20	30
Pneumonia and influenza (480-487)	1,163	67	60	56	72	72	107
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,218	63	61	60	97	111	121
Ulcer of stomach and duodenum (531-533)	78	3	7	6	6	6	8
Chronic liver disease and cirrhosis (571)	286	27	20	20	22	18	27
Nephritis, nephrotic syndrome and nephrosis (580-589)	415	33	34	28	29	41	36
Complications of pregnancy, childbirth, and the puerperium (630-676)	7	1	3				
Congenital anomalies (740-759)	172	15	10	14	20	13	15
Certain conditions originating in the perinatal period (760-779)	155	12	11	11	11	20	12
Symptoms, signs, and ill-defined conditions (780-799)	286	15	11	22	24	25	37
All other diseases (Residual)	2,502	206	194	206	184	205	225
Motor vehicle accidents (E810-E825)	668	54	75	70	63	44	52
All other accidents and adverse effects (E800-E807, E826-E949)	703	74	67	43	56	47	53
Suicide (E950-E959)	436	30	46	43	42	46	34
Homicide and legal intervention (E960-E978)	271	18	34	22	24	27	25
All other external causes (E980-E999)	37		2	2	7		1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

	TOTAL					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	47,279	24,257	23,022	36,512	18,711	17,801
Physician in hospital	46,287	23,743	22,544	35,959	18,425	17,534
Physician not in hospital	48	20	28	32	17	15
Midwife, other, or unknown	944	494	450	521	269	252
Stillbirths	360	202	158	276	152	124
Physician in hospital	339	192	147	258	143	115
Physician not in hospital	17	6	11	15	6	9
Midwife, other, or unknown	4	4		3	3	
Total deaths, all causes	29,766	15,359	14,407	26,804	13,788	13,016
Deaths under 1 year	428	260	168	335	203	132
Deaths under 1 month	246	143	103	198	117	81
Tuberculosis (010-018)	28	20	8	27	20	7
Syphilis (090-097)	1		1	1		1
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	436	268	168	373	230	143
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,350	3,478	2,872	5,750	3,163	2,587
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,408	736	672	1,241	648	593
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,021	1,371	650	1,844	1,252	592
Malignant neoplasm of breast (174-175)	490	1	489	446	1	445
Malignant neoplasm of genital organs (179-187)	704	373	331	626	334	292
Malignant neoplasm of urinary organs (188-189)	250	171	79	229	161	68
Leukemia (204-208)	220	124	96	203	114	89
Other malignant neoplasms (140-149, 170-173, 190-203)	1,257	702	555	1,161	653	508
Diabetes mellitus (250)	540	228	312	436	177	259
Major cardiovascular diseases (390-448)	14,015	6,704	7,311	12,722	6,062	6,660
Diseases of the heart (390-398, 402, 404-429)	10,905	5,465	5,440	9,912	4,947	4,965
Rheumatic fever and rheumatic heart disease (390-398)	53	11	42	48	10	38
Hypertensive heart disease with or without renal disease (402,404)	165	68	97	136	52	84
Ischemic heart disease (410-414)	7,590	4,012	3,578	6,953	3,671	3,282
Other heart diseases (415-429)	3,096	1,374	1,722	2,774	1,214	1,560
Hypertension with or without renal disease (401,403)	92	40	52	74	34	40
Cerebrovascular disease (430-438)	2,310	861	1,449	2,086	761	1,325
Arteriosclerosis (440)	401	160	241	362	148	214
Other diseases of arterioes, arterioles, and capillaries (441-448)	307	178	129	288	172	116
Pneumonia and influenza (480-487)	1,163	537	626	1,083	496	587
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,218	769	449	1,151	723	428
Ulcer of stomach and duodenum (531-533)	78	39	39	72	36	36
Chronic liver disease and cirrhosis (571)	286	176	110	229	144	85
Nephritis, nephrotic syndrome and nephrosis (580-589)	415	187	228	350	159	191
Complications of pregnancy, childbirth, and the puerperium (630-676)	7		7	3		3
Congenital anomalies (740-759)	172	89	83	147	74	73
Certain conditions originating in the perinatal period (760-779)	155	95	60	116	75	41
Symptoms, signs, and ill-defined conditions (780-799)	286	139	147	237	110	127
All other diseases (Residual)	2,502	1,135	1,367	2,263	1,028	1,235
Motor vehicle accidents (E810-E825)	668	465	203	590	410	180
All other accidents and adverse effects (E800-E807, E826-E949)	703	459	244	633	406	227
Suicide (E950-E959)	436	347	89	411	327	84
Homicide and legal intervention (E960-E978)	271	200	71	180	129	51
All other external causes (E980-E999)	37	24	13	31	19	12

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

TOTAL

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	5,143	2,597	2,546	5,624	2,949	2,675
Physician in hospital	5,088	2,577	2,511	5,240	2,741	2,499
Physician not in hospital	10	1	9	6	2	4
Midwife, other, or unknown	45	19	26	378	206	172
Stillbirths						
Physician in hospital	49	30	19	32	19	13
Physician not in hospital	2		2			
Midwife, other, or unknown				1	1	
Total deaths, all causes	1,912	1,003	909	1,050	568	482
Deaths under 1 year	66	44	22	27	13	14
Deaths under 1 month	33	20	13	15	6	9
Tuberculosis (010-018)	1		1			
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	40	28	12	23	10	13
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	419	220	199	181	95	86
Malignant neoplasm of digestive organs and peritoneum (150-159)	116	61	55	51	27	24
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	134	86	48	43	33	10
Malignant neoplasm of breast (174-175)	33		33	11		11
Malignant neoplasm of genital organs (179-187)	57	32	25	21	7	14
Malignant neoplasm of urinary organs (188-189)	11	5	6	10	5	5
Leukemia (204-208)	10	6	4	7	4	3
Other malignant neoplasms (140-149, 170-173, 190-203)	58	30	28	38	19	19
Diabetes mellitus (250)	57	29	28	47	22	25
Major cardiovascular diseases (390-448)	860	410	450	433	232	201
Diseases of the heart (390-398, 402, 404-429)	651	323	328	342	195	147
Rheumatic fever and rheumatic heart disease (390-398)	5	1	4			
Hypertensive heart disease with or without renal disease (402,404)	22	11	11	7	5	2
Ischemic heart disease (410-414)	410	204	206	227	137	90
Other heart diseases (415-429)	214	107	107	108	53	55
Hypertension with or without renal disease (401,403)	16	4	12	2	2	
Cerebrovascular disease (430-438)	156	73	83	68	27	41
Arteriosclerosis (440)	27	9	18	12	3	9
Other diseases of arterioes, arterioles, and capillaries (441-448)	10	1	9	9	5	4
Pneumonia and influenza (480-487)	36	17	19	44	24	20
Chronic obstructive pulmonary disease and allied conditions (490-496)	40	26	14	27	20	7
Ulcer of stomach and duodenum (531-533)	6	3	3			
Chronic liver disease and cirrhosis (571)	29	20	9	28	12	16
Nephritis, nephrotic syndrome and nephrosis (580-589)	40	18	22	25	10	15
Complications of pregnancy, childbirth, and the puerperium (630-676)	3		3	1		1
Congenital anomalies (740-759)	17	7	10	8	8	
Certain conditions originating in the perinatal period (760-779)	28	18	10	11	2	9
Symptoms, signs, and ill-defined conditions (780-799)	28	19	9	21	10	11
All other diseases (Residual)	154	73	81	85	34	51
Motor vehicle accidents (E810-E825)	31	23	8	47	32	15
All other accidents and adverse effects (E800-E807, E826-E949)	34	26	8	36	27	9
Suicide (E950-E959)	14	10	4	11	10	1
Homicide and legal intervention (E960-E978)	70	52	18	21	19	2
All other external causes (E980-E999)	5	4	1	1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

	LESS THAN 1 YEAR					
		TOTAL			WHITE	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	428	260	168	335	203	132
Deaths under 1 year	428	260	168	335	203	132
Deaths under 1 month	246	143	103	198	117	81
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	3	3	4	1	3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3	3		3	3	
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	3	3		3	3	
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	11	4	7	11	4	7
Diseases of the heart (390-398, 402, 404-429)	9	3	6	9	3	6
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	9	3	6	9	3	6
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	2	1	1	2	1	1
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	3	2	1	2	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	3	1	4	3	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	109	57	52	93	46	47
Certain conditions originating in the perinatal period (760-779)	151	94	57	112	74	38
Symptoms, signs, and ill-defined conditions (780-799)	91	60	31	67	45	22
All other diseases (Residual)	25	18	7	19	13	6
Motor vehicle accidents (E810-E825)	6	4	2	6	4	2
All other accidents and adverse effects (E800-E807, E826-E949)	7	5	2	5	4	1
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	11	6	5	8	4	4
All other external causes (E980-E999)	1	1		1	1	

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

LESS THAN 1 YEAR

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	66	44	22	27	13	14
Deaths under 1 year	66	44	22	27	13	14
Deaths under 1 month	33	20	13	15	6	9
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	2				
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)						
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)						
Diseases of the heart (390-398, 402, 404-429)						
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)						
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1	1				
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	9	4	5	7	7	
Certain conditions originating in the perinatal period (760-779)	28	18	10	11	2	9
Symptoms, signs, and ill-defined conditions (780-799)	17	12	5	7	3	4
All other diseases (Residual)	4	4		2	1	1
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)	2	1	1			
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	3	2	1			
All other external causes (E980-E999)						

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1988
01 - 04

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	102	54	48	85	44	41
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	2	1	3	2	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1		1			
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1		1			
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	6	4	2	6	4	2
Diseases of the heart (390-398, 402, 404-429)	6	4	2	6	4	2
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	6	4	2	6	4	2
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1		1	1		1
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	1	1				
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	13	7	6	10	5	5
Certain conditions originating in the perinatal period (760-779)	3	1	2	3	1	2
Symptoms, signs, and ill-defined conditions (780-799)	4	3	1	4	3	1
All other diseases (Residual)	11	2	9	8	2	6
Motor vehicle accidents (E810-E825)	16	5	11	13	4	9
All other accidents and adverse effects (E800-E807, E826-E949)	36	23	13	34	21	13
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	5	4	1	2	1	1
All other external causes (E980-E999)	2	2		1	1	

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

01 - 04

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	14	8	6	3	2	1
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)				1		1
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)				1		1
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)						
Diseases of the heart (390-398, 402, 404-429)						
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)						
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	1	1				
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	2	1	1	1	1	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	3		3			
Motor vehicle accidents (E810-E825)	2		2	1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	2	2				
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	3	3				
All other external causes (E980-E999)	1	1				

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1988

05 - 09

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	63	43	20	48	33	15
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	2	1	1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	14	8	6	10	5	5
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	9	5	4	7	3	4
Other malignant neoplasms (140-149, 170-173, 190-203)	5	3	2	3	2	1
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	4	4		2	2	
Diseases of the heart (390-398, 402, 404-429)	4	4		2	2	
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	4	4		2	2	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1		1			
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	2	2		1	1	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	7	4	3	6	4	2
Motor vehicle accidents (E810-E825)	18	14	4	15	11	4
All other accidents and adverse effects (E800-E807, E826-E949)	13	8	5	12	8	4
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)	1	1		1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

05 - 09

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	11	8	3	4	2	2
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	1		1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2	2		2	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1	1		1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1		1		1
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1	1		1	1	
Diseases of the heart (390-398, 402, 404-429)	1	1		1	1	
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1	1		1	1	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1		1			
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1	1				
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	1		1			
Motor vehicle accidents (E810-E825)	3	3				
All other accidents and adverse effects (E800-E807, E826-E949)	1		1			
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

10 - 14

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	141	91	50	73	45	28
Physician in hospital	139	90	49	71	44	27
Physician not in hospital	1		1	1		1
Midwife, other, or unknown	1	1		1	1	
Stillbirths	1	1				
Physician in hospital	1	1				
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	68	51	17	59	45	14
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	1		1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	7	4	3	6	4	2
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1		1			
Other malignant neoplasms (140-149, 170-173, 190-203)	6	4	2	6	4	2
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	5	4	1	4	3	1
Diseases of the heart (390-398, 402, 404-429)	5	4	1	4	3	1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	1		1	1		1
Other heart diseases (415-429)	4	4		3	3	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1		1	1		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	1				
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	1		1	1		1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1	1		1	1	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	9	6	3	8	5	3
Motor vehicle accidents (E810-E825)	21	15	6	19	14	5
All other accidents and adverse effects (E800-E807, E826-E949)	12	11	1	11	10	1
Suicide (E950-E959)	5	5		4	4	
Homicide and legal intervention (E960-E978)	2	1	1	1	1	
All other external causes (E980-E999)	2	2		2	2	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

10 - 14

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	51	32	19	17	14	3
Physician in hospital	51	32	19	17	14	3
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital	1	1				
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	6	3	3	3	3	
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1		1			
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1		1			
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1	1				
Diseases of the heart (390-398, 402, 404-429)	1	1				
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1	1				
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)				1	1	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)				1	1	
Motor vehicle accidents (E810-E825)	2	1	1			
All other accidents and adverse effects (E800-E807, E826-E949)	1	1				
Suicide (E950-E959)				1	1	
Homicide and legal intervention (E960-E978)	1		1			
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

15 - 19

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	7,420	3,855	3,565	4,999	2,580	2,419
Physician in hospital	7,255	3,774	3,481	4,940	2,551	2,389
Physician not in hospital	11	3	8	6	3	3
Midwife, other, or unknown	154	78	76	53	26	27
Stillbirths	60	28	32	47	22	25
Physician in hospital	57	28	29	44	22	22
Physician not in hospital	3		3	3		3
Midwife, other, or unknown						
Total deaths, all causes	213	139	74	187	119	68
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1		1	1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	7	6	1	7	6	1
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1	1		1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	6	5	1	6	5	1
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	9	8	1	6	6	
Diseases of the heart (390-398, 402, 404-429)	6	6		5	5	
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	6	6		5	5	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	2	2		1	1	
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)	1		1			
Pneumonia and influenza (480-487)	2		2	2		2
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	2		2	2	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	2		2	2		2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1			
All other diseases (Residual)	16	8	8	12	6	6
Motor vehicle accidents (E810-E825)	91	53	38	88	51	37
All other accidents and adverse effects (E800-E807, E826-E949)	26	19	7	23	16	7
Suicide (E950-E959)	31	22	9	29	20	9
Homicide and legal intervention (E960-E978)	24	20	4	14	11	3
All other external causes (E980-E999)	1	1		1	1	

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

15 - 19

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	1,217	636	581	1,204	639	565
Physician in hospital	1,209	632	577	1,106	591	515
Physician not in hospital	2		2	3		3
Midwife, other, or unknown	6	4	2	95	48	47
Stillbirths						
Physician in hospital	6	3	3	7	3	4
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	16	13	3	10	7	3
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)						
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	3	2	1			
Diseases of the heart (390-398, 402, 404-429)	1	1				
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1	1				
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1	1				
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)	1		1			
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)				1		1
All other diseases (Residual)	2	1	1	2	1	1
Motor vehicle accidents (E810-E825)	1	1		2	1	1
All other accidents and adverse effects (E800-E807, E826-E949)				3	3	
Suicide (E950-E959)	1	1		1	1	
Homicide and legal intervention (E960-E978)	9	8	1	1	1	
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

20 - 24

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	15,115	7,744	7,371	11,121	5,722	5,399
Physician in hospital	14,761	7,557	7,204	10,953	5,630	5,323
Physician not in hospital	14	4	10	10	4	6
Midwife, other, or unknown	340	183	157	158	88	70
Stillbirths	91	45	46	63	32	31
Physician in hospital	83	41	42	57	28	29
Physician not in hospital	8	4	4	6	4	2
Midwife, other, or unknown						
Total deaths, all causes	256	188	68	209	155	54
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	3		3	3	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	5	7	11	4	7
Malignant neoplasm of digestive organs and peritoneum (150-159)	1		1	1		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	2	1	1	2	1	1
Other malignant neoplasms (140-149, 170-173, 190-203)	8	4	4	7	3	4
Diabetes mellitus (250)	1	1		1	1	
Major cardiovascular diseases (390-448)	7	6	1	5	4	1
Diseases of the heart (390-398, 402, 404-429)	4	3	1	3	2	1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	4	3	1	3	2	1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	2	2		1	1	
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	1		1	1	
Pneumonia and influenza (480-487)	1		1	1		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	1	2	2		2
Ulcer of stomach and duodenum (531-533)	1	1		1	1	
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	2		2	1		1
Complications of pregnancy, childbirth, and the puerperium (630-676)	2		2			
Congenital anomalies (740-759)	5	4	1	5	4	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	5	3	2	4	2	2
All other diseases (Residual)	14	7	7	12	7	5
Motor vehicle accidents (E810-E825)	106	79	27	87	66	21
All other accidents and adverse effects (E800-E807, E826-E949)	29	26	3	24	21	3
Suicide (E950-E959)	42	37	5	37	32	5
Homicide and legal intervention (E960-E978)	23	15	8	15	10	5
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

20 - 24

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	1,840	906	934	2,154	1,116	1,038
Physician in hospital	1,822	902	920	1,986	1,025	961
Physician not in hospital	3		3	1		1
Midwife, other, or unknown	15	4	11	167	91	76
Stillbirths						
Physician in hospital	18	10	8	8	3	5
Physician not in hospital	2		2			
Midwife, other, or unknown						
Total deaths, all causes	18	12	6	29	21	8
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1	1				
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1				
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	2	2				
Diseases of the heart (390-398, 402, 404-429)	1	1				
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1	1				
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1	1				
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)				1	1	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)				1		1
Complications of pregnancy, childbirth, and the puerperium (630-676)	1		1	1		1
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1				
All other diseases (Residual)	2		2			
Motor vehicle accidents (E810-E825)	2	1	1	17	12	5
All other accidents and adverse effects (E800-E807, E826-E949)				5	5	
Suicide (E950-E959)	3	3		2	2	
Homicide and legal intervention (E960-E978)	6	4	2	2	1	1
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

25 - 29

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	14,432	7,355	7,077	11,838	6,035	5,803
Physician in hospital	14,175	7,223	6,952	11,678	5,951	5,727
Physician not in hospital	10	5	5	5	3	2
Midwife, other, or unknown	247	127	120	155	81	74
Stillbirths	88	60	28	67	45	22
Physician in hospital	84	57	27	63	42	21
Physician not in hospital	3	2	1	3	2	1
Midwife, other, or unknown	1	1		1	1	
Total deaths, all causes	315	229	86	254	191	63
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	22	21	1	20	19	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	23	11	12	20	10	10
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	2	2	3	2	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)	3	1	2	3	1	2
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	3	3		3	3	
Other malignant neoplasms (140-149, 170-173, 190-203)	12	5	7	10	4	6
Diabetes mellitus (250)	5	2	3	5	2	3
Major cardiovascular diseases (390-448)	23	15	8	18	12	6
Diseases of the heart (390-398, 402, 404-429)	18	10	8	14	8	6
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	3	2	1	3	2	1
Other heart diseases (415-429)	15	8	7	11	6	5
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	5	5		4	4	
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1		1			
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1			
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	3	2	1	2	2	
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)	4		4	3		3
Congenital anomalies (740-759)	3	1	2	2	1	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	9	6	3	7	4	3
All other diseases (Residual)	22	11	11	19	11	8
Motor vehicle accidents (E810-E825)	71	57	14	54	45	9
All other accidents and adverse effects (E800-E807, E826-E949)	43	35	8	40	33	7
Suicide (E950-E959)	40	37	3	37	34	3
Homicide and legal intervention (E960-E978)	41	30	11	23	17	6
All other external causes (E980-E999)	4	1	3	4	1	3

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

25 - 29

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	1,198	594	604	1,396	726	670
Physician in hospital	1,179	586	593	1,318	686	632
Physician not in hospital	4	1	3	1	1	
Midwife, other, or unknown	15	7	8	77	39	38
Stillbirths						
Physician in hospital	14	11	3	7	4	3
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	41	23	18	20	15	5
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	2				
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2	1	1	1		1
Malignant neoplasm of digestive organs and peritoneum (150-159)				1		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	2	1	1			
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	4	2	2	1	1	
Diseases of the heart (390-398, 402, 404-429)	3	1	2	1	1	
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	3	1	2	1	1	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1	1				
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1		1			
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1			
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)				1		1
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)	1		1			
Congenital anomalies (740-759)	1		1			
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)				2	2	
All other diseases (Residual)	3		3			
Motor vehicle accidents (E810-E825)	11	8	3	6	4	2
All other accidents and adverse effects (E800-E807, E826-E949)				3	2	1
Suicide (E950-E959)	1	1		2	2	
Homicide and legal intervention (E960-E978)	14	9	5	4	4	
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

30 - 34

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	7,648	3,888	3,760	6,404	3,263	3,141
Physician in hospital	7,501	3,811	3,690	6,291	3,206	3,085
Physician not in hospital	9	5	4	7	4	3
Midwife, other, or unknown	138	72	66	106	53	53
Stillbirths	67	36	31	57	30	27
Physician in hospital	65	36	29	55	30	25
Physician not in hospital	2		2	2		2
Midwife, other, or unknown						
Total deaths, all causes	351	246	105	274	197	77
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	22	20	2	16	15	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	38	13	25	34	12	22
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	1	1	2	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	1	2	3	1	2
Malignant neoplasm of breast (174-175)	9		9	7		7
Malignant neoplasm of genital organs (179-187)	3	1	2	2	1	1
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1		1	1		1
Other malignant neoplasms (140-149, 170-173, 190-203)	20	10	10	19	9	10
Diabetes mellitus (250)	7	5	2	6	5	1
Major cardiovascular diseases (390-448)	37	22	15	27	20	7
Diseases of the heart (390-398, 402, 404-429)	32	19	13	25	18	7
Rheumatic fever and rheumatic heart disease (390-398)	2		2			
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	13	12	1	13	12	1
Other heart diseases (415-429)	17	7	10	12	6	6
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	4	2	2	1	1	
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	1		1	1	
Pneumonia and influenza (480-487)	4	4		4	4	
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	3	1	2	1	1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	5	2	3	2	1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	1		1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)	1		1			
Congenital anomalies (740-759)	2	1	1	1	1	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	8	4	4	4	4	
All other diseases (Residual)	22	12	10	20	10	10
Motor vehicle accidents (E810-E825)	52	43	9	43	36	7
All other accidents and adverse effects (E800-E807, E826-E949)	44	35	9	36	29	7
Suicide (E950-E959)	57	43	14	51	39	12
Homicide and legal intervention (E960-E978)	43	35	8	25	18	7
All other external causes (E980-E999)	4	3	1	2	1	1

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

	30 - 34					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	620	306	314	624	319	305
Physician in hospital	614	304	310	596	301	295
Physician not in hospital	1		1	1	1	
Midwife, other, or unknown	5	2	3	27	17	10
Stillbirths						
Physician in hospital	3		3	7	6	1
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	50	31	19	27	18	9
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	4		2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4	1	3			
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)	2		2			
Malignant neoplasm of genital organs (179-187)	1		1			
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1				
Diabetes mellitus (250)	1		1			
Major cardiovascular diseases (390-448)	10	2	8			
Diseases of the heart (390-398, 402, 404-429)	7	1	6			
Rheumatic fever and rheumatic heart disease (390-398)	2		2			
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	5	1	4			
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	3	1	2			
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	2				
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	1	1		2		2
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)	1		1			
Congenital anomalies (740-759)	1		1			
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1	3		3
All other diseases (Residual)	2	2				
Motor vehicle accidents (E810-E825)	2	2		7	5	2
All other accidents and adverse effects (E800-E807, E826-E949)	3	2	1	5	4	1
Suicide (E950-E959)	3	1	2	3	3	
Homicide and legal intervention (E960-E978)	13	12	1	5	5	
All other external causes (E980-E999)	2	2				

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

35 - 39

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	2,194	1,127	1,067	1,813	910	903
Physician in hospital	2,138	1,096	1,042	1,769	890	879
Physician not in hospital	3	3		3	3	
Midwife, other, or unknown	53	28	25	41	17	24
Stillbirths	23	15	8	16	9	7
Physician in hospital	21	14	7	15	9	6
Physician not in hospital	1		1	1		1
Midwife, other, or unknown	1	1				
Total deaths, all causes	400	249	151	319	205	114
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	24	19	5	16	13	3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	89	29	60	74	25	49
Malignant neoplasm of digestive organs and peritoneum (150-159)	10	4	6	9	3	6
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	6	2	7	5	2
Malignant neoplasm of breast (174-175)	23		23	19		19
Malignant neoplasm of genital organs (179-187)	11		11	5		5
Malignant neoplasm of urinary organs (188-189)	2	1	1	2	1	1
Leukemia (204-208)	6	4	2	6	4	2
Other malignant neoplasms (140-149, 170-173, 190-203)	29	14	15	26	12	14
Diabetes mellitus (250)	6	4	2	4	3	1
Major cardiovascular diseases (390-448)	72	51	21	55	41	14
Diseases of the heart (390-398, 402, 404-429)	57	44	13	43	35	8
Rheumatic fever and rheumatic heart disease (390-398)	1		1			
Hypertensive heart disease with or without renal disease (402,404)	1	1		1	1	
Ischemic heart disease (410-414)	31	27	4	28	24	4
Other heart diseases (415-429)	24	16	8	14	10	4
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	15	7	8	12	6	6
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	7	4	3	6	4	2
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	2	1	3	2	1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	14	9	5	9	6	3
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	5	3	2	4	2	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	7	5	2	3	2	1
All other diseases (Residual)	33	18	15	23	14	9
Motor vehicle accidents (E810-E825)	44	30	14	39	27	12
All other accidents and adverse effects (E800-E807, E826-E949)	32	26	6	28	22	6
Suicide (E950-E959)	40	30	10	38	29	9
Homicide and legal intervention (E960-E978)	21	16	5	14	12	2
All other external causes (E980-E999)	3	3		3	3	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

35 - 39

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	186	104	82	195	113	82
Physician in hospital	183	102	81	186	104	82
Physician not in hospital						
Midwife, other, or unknown	3	2	1	9	9	
Stillbirths						
Physician in hospital	3	2	1	3	3	
Physician not in hospital						
Midwife, other, or unknown				1	1	
Total deaths, all causes	55	29	26	26	15	11
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	5	1	2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	11	3	8	4	1	3
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	1				
Malignant neoplasm of respiratory and intrathoracic organs (160-165)				1	1	
Malignant neoplasm of breast (174-175)	4		4			
Malignant neoplasm of genital organs (179-187)	4		4	2		2
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	2	2		1		1
Diabetes mellitus (250)	2	1	1			
Major cardiovascular diseases (390-448)	14	7	7	3	3	
Diseases of the heart (390-398, 402, 404-429)	11	6	5	3	3	
Rheumatic fever and rheumatic heart disease (390-398)	1		1			
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	2	2		1	1	
Other heart diseases (415-429)	8	4	4	2	2	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	3	1	2			
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)				1		1
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	3	2	1	2	1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1	1				
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	3	2	1	1	1	
All other diseases (Residual)	5	1	4	5	3	2
Motor vehicle accidents (E810-E825)	3	2	1	2	1	1
All other accidents and adverse effects (E800-E807, E826-E949)	3	3		1	1	
Suicide (E950-E959)				2	1	1
Homicide and legal intervention (E960-E978)	4	2	2	3	2	1
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

40 - 44

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	305	180	125	252	148	104
Physician in hospital	295	175	120	246	145	101
Physician not in hospital						
Midwife, other, or unknown	10	5	5	6	3	3
Stillbirths	7	4	3	7	4	3
Physician in hospital	7	4	3	7	4	3
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	511	316	195	424	259	165
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	17	15	2	14	12	2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	113	52	61	98	44	54
Malignant neoplasm of digestive organs and peritoneum (150-159)	25	14	11	17	9	8
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	37	25	12	32	22	10
Malignant neoplasm of breast (174-175)	16		16	15		15
Malignant neoplasm of genital organs (179-187)	8		8	8		8
Malignant neoplasm of urinary organs (188-189)	3	2	1	3	2	1
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	24	11	13	23	11	12
Diabetes mellitus (250)	12	7	5	11	7	4
Major cardiovascular diseases (390-448)	146	98	48	113	77	36
Diseases of the heart (390-398, 402, 404-429)	119	83	36	95	66	29
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	83	61	22	66	49	17
Other heart diseases (415-429)	36	22	14	29	17	12
Hypertension with or without renal disease (401,403)	2	1	1	1	1	
Cerebrovascular disease (430-438)	22	13	9	15	9	6
Arteriosclerosis (440)	1		1	1		1
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	1	1	1	1	
Pneumonia and influenza (480-487)	8	4	4	8	4	4
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	2	4	6	2	4
Ulcer of stomach and duodenum (531-533)	2	2		2	2	
Chronic liver disease and cirrhosis (571)	13	7	6	10	5	5
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	2		2	2	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1	1		1	1	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	10	6	4	8	4	4
All other diseases (Residual)	44	25	19	35	20	15
Motor vehicle accidents (E810-E825)	37	25	12	32	22	10
All other accidents and adverse effects (E800-E807, E826-E949)	34	23	11	27	18	9
Suicide (E950-E959)	36	24	12	34	23	11
Homicide and legal intervention (E960-E978)	25	20	5	19	14	5
All other external causes (E980-E999)	5	3	2	4	2	2

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988
40 - 44

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	25	15	10	28	17	11
Physician in hospital	24	15	9	25	15	10
Physician not in hospital						
Midwife, other, or unknown	1		1	3	2	1
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	61	40	21	26	17	9
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	2		1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	11	5	6	4	3	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	4	2	2	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	1	2	2	2	
Malignant neoplasm of breast (174-175)	1		1			
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1		1			
Diabetus mellitus (250)	1		1			
Major cardiovascular diseases (390-448)	26	16	10	7	5	2
Diseases of the heart (390-398, 402, 404-429)	20	14	6	4	3	1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	14	10	4	3	2	1
Other heart diseases (415-429)	6	4	2	1	1	
Hypertension with or without renal disease (401,403)	1		1			
Cerebrovascular disease (430-438)	4	2	2	3	2	1
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)	1		1			
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	1	1		2	1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1		1	1	
All other diseases (Residual)	7	5	2	2		2
Motor vehicle accidents (E810-E825)	1	1		4	2	2
All other accidents and adverse effects (E800-E807, E826-E949)	4	3	1	3	2	1
Suicide (E950-E959)	2	1	1			
Homicide and legal intervention (E960-E978)	4	4		2	2	
All other external causes (E980-E999)	1	1				

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

45 - 49

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	8	5	3	7	4	3
Physician in hospital	7	5	2	6	4	2
Physician not in hospital						
Midwife, other, or unknown	1		1	1		1
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	640	395	245	546	339	207
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1	1		1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	10	8	2	10	8	2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	181	108	73	152	92	60
Malignant neoplasm of digestive organs and peritoneum (150-159)	28	20	8	22	17	5
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	60	37	23	52	32	20
Malignant neoplasm of breast (174-175)	13		13	11		11
Malignant neoplasm of genital organs (179-187)	17	2	15	13	2	11
Malignant neoplasm of urinary organs (188-189)	4	3	1	4	3	1
Leukemia (204-208)	10	7	3	8	5	3
Other malignant neoplasms (140-149, 170-173, 190-203)	49	39	10	42	33	9
Diabetes mellitus (250)	15	8	7	11	5	6
Major cardiovascular diseases (390-448)	226	140	86	195	121	74
Diseases of the heart (390-398, 402, 404-429)	191	126	65	161	107	54
Rheumatic fever and rheumatic heart disease (390-398)	1		1	1		1
Hypertensive heart disease with or without renal disease (402,404)	4	1	3	3	1	2
Ischemic heart disease (410-414)	144	106	38	121	89	32
Other heart diseases (415-429)	42	19	23	36	17	19
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	28	11	17	27	11	16
Arteriosclerosis (440)	2	1	1	2	1	1
Other diseases of arteries, arterioles, and capillaries (441-448)	5	2	3	5	2	3
Pneumonia and influenza (480-487)	7	5	2	6	4	2
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	3	3	4	2	2
Ulcer of stomach and duodenum (531-533)	1		1	1		1
Chronic liver disease and cirrhosis (571)	19	14	5	14	11	3
Nephritis, nephrotic syndrome and nephrosis (580-589)	9	3	6	8	3	5
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	4	2	2	4	2	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	5		5	4		4
All other diseases (Residual)	52	29	23	43	23	20
Motor vehicle accidents (E810-E825)	32	22	10	29	19	10
All other accidents and adverse effects (E800-E807, E826-E949)	24	21	3	24	21	3
Suicide (E950-E959)	30	21	9	27	19	8
Homicide and legal intervention (E960-E978)	15	10	5	11	8	3
All other external causes (E980-E999)	3		3	2		2

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1988

45 - 49

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births				1	1	
Physician in hospital				1	1	
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	60	35	25	34	21	13
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	8	5	16	8	8
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	2	1	3	1	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	3	2	3	2	1
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)	1		1	3		3
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1	1		1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	2	2		5	4	1
Diabetes mellitus (250)	2	2		2	1	1
Major cardiovascular diseases (390-448)	23	13	10	8	6	2
Diseases of the heart (390-398, 402, 404-429)	22	13	9	8	6	2
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	1		1			
Ischemic heart disease (410-414)	15	11	4	8	6	2
Other heart diseases (415-429)	6	2	4			
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1		1			
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1	1				
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	1	1			
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	4	2	2	1	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	1		1			
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1			
All other diseases (Residual)	5	4	1	4	2	2
Motor vehicle accidents (E810-E825)	1	1		2	2	
All other accidents and adverse effects (E800-E807, E826-E949)						
Suicide (E950-E959)	3	2	1			
Homicide and legal intervention (E960-E978)	3	1	2	1	1	
All other external causes (E980-E999)	1		1			

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

50 - 54

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	941	596	345	815	520	295
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1	1		1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	13	10	3	12	9	3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	319	163	156	288	147	141
Malignant neoplasm of digestive organs and peritoneum (150-159)	49	29	20	43	26	17
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	137	80	57	118	67	51
Malignant neoplasm of breast (174-175)	40		40	39		39
Malignant neoplasm of genital organs (179-187)	24	3	21	22	3	19
Malignant neoplasm of urinary organs (188-189)	12	11	1	12	11	1
Leukemia (204-208)	6	3	3	6	3	3
Other malignant neoplasms (140-149, 170-173, 190-203)	51	37	14	48	37	11
Diabetes mellitus (250)	24	14	10	17	8	9
Major cardiovascular diseases (390-448)	339	247	92	284	209	75
Diseases of the heart (390-398, 402, 404-429)	297	227	70	250	195	55
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	3	3		3	3	
Ischemic heart disease (410-414)	215	170	45	185	152	33
Other heart diseases (415-429)	79	54	25	62	40	22
Hypertension with or without renal disease (401,403)	3	1	2	1		1
Cerebrovascular disease (430-438)	32	16	16	28	13	15
Arteriosclerosis (440)	4	3	1	2	1	1
Other diseases of arterioes, arterioles, and capillaries (441-448)	3		3	3		3
Pneumonia and influenza (480-487)	11	6	5	10	6	4
Chronic obstructive pulmonary disease and allied conditions (490-496)	30	18	12	26	17	9
Ulcer of stomach and duodenum (531-533)	1		1	1		1
Chronic liver disease and cirrhosis (571)	30	22	8	25	20	5
Nephritis, nephrotic syndrome and nephrosis (580-589)	9	4	5	5	4	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	2	1	1	2	1	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	7	6	1	7	6	1
All other diseases (Residual)	70	40	30	60	35	25
Motor vehicle accidents (E810-E825)	23	17	6	22	16	6
All other accidents and adverse effects (E800-E807, E826-E949)	32	24	8	30	22	8
Suicide (E950-E959)	15	12	3	15	12	3
Homicide and legal intervention (E960-E978)	14	10	4	9	6	3
All other external causes (E980-E999)	1	1		1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988
50 - 54

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	78	44	34	48	32	16
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	1				
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	21	10	11	10	6	4
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	2	1	3	1	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	14	8	6	5	5	
Malignant neoplasm of breast (174-175)	1		1			
Malignant neoplasm of genital organs (179-187)	2		2			
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1		1	2		2
Diabetes mellitus (250)	4	3	1	3	3	
Major cardiovascular diseases (390-448)	34	21	13	21	17	4
Diseases of the heart (390-398, 402, 404-429)	28	17	11	19	15	4
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	19	9	10	11	9	2
Other heart diseases (415-429)	9	8	1	8	6	2
Hypertension with or without renal disease (401,403)	1		1	1	1	
Cerebrovascular disease (430-438)	4	3	1			
Arteriosclerosis (440)	1	1		1	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1		1			
Chronic obstructive pulmonary disease and allied conditions (490-496)	2		2	2	1	1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2	2		3		3
Nephritis, nephrotic syndrome and nephrosis (580-589)	2		2	2		2
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	6	3	3	4	2	2
Motor vehicle accidents (E810-E825)	1	1				
All other accidents and adverse effects (E800-E807, E826-E949)	1	1		1	1	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	3	2	1	2	2	
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988
55 - 59

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	1,411	877	534	1,218	765	453
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	5	4	1	4	4	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	12	9	3	11	8	3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	473	257	216	417	228	189
Malignant neoplasm of digestive organs and peritoneum (150-159)	76	47	29	69	42	27
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	194	132	62	174	118	56
Malignant neoplasm of breast (174-175)	47	1	46	39	1	38
Malignant neoplasm of genital organs (179-187)	34	6	28	29	5	24
Malignant neoplasm of urinary organs (188-189)	10	5	5	8	5	3
Leukemia (204-208)	9	6	3	7	4	3
Other malignant neoplasms (140-149, 170-173, 190-203)	103	60	43	91	53	38
Diabetes mellitus (250)	35	18	17	25	14	11
Major cardiovascular diseases (390-448)	558	368	190	477	317	160
Diseases of the heart (390-398, 402, 404-429)	460	314	146	397	272	125
Rheumatic fever and rheumatic heart disease (390-398)	6	1	5	6	1	5
Hypertensive heart disease with or without renal disease (402,404)	12	6	6	6	2	4
Ischemic heart disease (410-414)	344	256	88	301	224	77
Other heart diseases (415-429)	98	51	47	84	45	39
Hypertension with or without renal disease (401,403)	4	4		2	2	
Cerebrovascular disease (430-438)	78	38	40	63	31	32
Arteriosclerosis (440)	8	5	3	7	5	2
Other diseases of arteries, arterioles, and capillaries (441-448)	8	7	1	8	7	1
Pneumonia and influenza (480-487)	20	15	5	17	12	5
Chronic obstructive pulmonary disease and allied conditions (490-496)	65	36	29	61	34	27
Ulcer of stomach and duodenum (531-533)	3	2	1	3	2	1
Chronic liver disease and cirrhosis (571)	32	25	7	26	22	4
Nephritis, nephrotic syndrome and nephrosis (580-589)	12	7	5	8	6	2
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	2	1	1	2	1	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	2	1	1	2	1	1
All other diseases (Residual)	97	57	40	76	45	31
Motor vehicle accidents (E810-E825)	22	20	2	21	19	2
All other accidents and adverse effects (E800-E807, E826-E949)	21	16	5	20	15	5
Suicide (E950-E959)	34	26	8	33	25	8
Homicide and legal intervention (E960-E978)	15	13	2	13	11	2
All other external causes (E980-E999)	3	2	1	2	1	1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

55 - 59

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	117	67	50	76	45	31
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1		1			
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)				1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	33	17	16	23	12	11
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	2	2	3	3	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	14	9	5	6	5	1
Malignant neoplasm of breast (174-175)	5		5	3		3
Malignant neoplasm of genital organs (179-187)	1		1	4	1	3
Malignant neoplasm of urinary organs (188-189)				2		2
Leukemia (204-208)	1	1		1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	8	5	3	4	2	2
Diabetes mellitus (250)	4	1	3	6	3	3
Major cardiovascular diseases (390-448)	54	34	20	27	17	10
Diseases of the heart (390-398, 402, 404-429)	44	29	15	19	13	6
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	6	4	2			
Ischemic heart disease (410-414)	26	19	7	17	13	4
Other heart diseases (415-429)	12	6	6	2		2
Hypertension with or without renal disease (401,403)	2	2				
Cerebrovascular disease (430-438)	8	3	5	7	4	3
Arteriosclerosis (440)				1		1
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1	1		2	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	1	2	1	1	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2	1	1	4	2	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	3		3	1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	12	8	4	9	4	5
Motor vehicle accidents (E810-E825)	1	1				
All other accidents and adverse effects (E800-E807, E826-E949)				1	1	
Suicide (E950-E959)	1	1				
Homicide and legal intervention (E960-E978)	2	2				
All other external causes (E980-E999)				1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

60 - 64

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	2,169	1,345	824	1,950	1,229	721
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1	1		1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	28	18	10	20	15	5
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	752	453	299	694	420	274
Malignant neoplasm of digestive organs and peritoneum (150-159)	129	84	45	114	78	36
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	320	224	96	296	207	89
Malignant neoplasm of breast (174-175)	58		58	57		57
Malignant neoplasm of genital organs (179-187)	53	14	39	48	13	35
Malignant neoplasm of urinary organs (188-189)	27	22	5	26	21	5
Leukemia (204-208)	18	11	7	16	9	7
Other malignant neoplasms (140-149, 170-173, 190-203)	147	98	49	137	92	45
Diabetes mellitus (250)	59	24	35	46	17	29
Major cardiovascular diseases (390-448)	862	566	296	772	519	253
Diseases of the heart (390-398, 402, 404-429)	722	494	228	651	454	197
Rheumatic fever and rheumatic heart disease (390-398)	2		2	1		1
Hypertensive heart disease with or without renal disease (402,404)	11	5	6	9	3	6
Ischemic heart disease (410-414)	545	384	161	500	360	140
Other heart diseases (415-429)	164	105	59	141	91	50
Hypertension with or without renal disease (401,403)	5	2	3	5	2	3
Cerebrovascular disease (430-438)	98	46	52	82	40	42
Arteriosclerosis (440)	13	3	10	12	3	9
Other diseases of arterioes, arterioles, and capillaries (441-448)	24	21	3	22	20	2
Pneumonia and influenza (480-487)	37	18	19	32	14	18
Chronic obstructive pulmonary disease and allied conditions (490-496)	122	70	52	114	66	48
Ulcer of stomach and duodenum (531-533)	2	2		2	2	
Chronic liver disease and cirrhosis (571)	45	36	9	36	29	7
Nephritis, nephrotic syndrome and nephrosis (580-589)	18	4	14	12	4	8
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	1	2	3	1	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	8	4	4	6	3	3
All other diseases (Residual)	141	79	62	130	75	55
Motor vehicle accidents (E810-E825)	29	20	9	26	18	8
All other accidents and adverse effects (E800-E807, E826-E949)	32	25	7	27	22	5
Suicide (E950-E959)	17	13	4	17	13	4
Homicide and legal intervention (E960-E978)	10	9	1	9	8	1
All other external causes (E980-E999)	3	2	1	3	2	1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

60 - 64

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	122	67	55	97	49	48
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	1	3	4	2	2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	40	24	16	18	9	9
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	5	4	6	1	5
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	21	14	7	3	3	
Malignant neoplasm of breast (174-175)	1		1			
Malignant neoplasm of genital organs (179-187)	2		2	3	1	2
Malignant neoplasm of urinary organs (188-189)				1	1	
Leukemia (204-208)	2	2				
Other malignant neoplasms (140-149, 170-173, 190-203)	5	3	2	5	3	2
Diabetes mellitus (250)	7	4	3	6	3	3
Major cardiovascular diseases (390-448)	46	25	21	44	22	22
Diseases of the heart (390-398, 402, 404-429)	36	21	15	35	19	16
Rheumatic fever and rheumatic heart disease (390-398)	1		1			
Hypertensive heart disease with or without renal disease (402,404)				2	2	
Ischemic heart disease (410-414)	22	12	10	23	12	11
Other heart diseases (415-429)	13	9	4	10	5	5
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	8	4	4	8.	2	6
Arteriosclerosis (440)	1		1			
Other diseases of arterioes, arterioles, and capillaries (441-448)	1		1	1	1	
Pneumonia and influenza (480-487)	1	1		4	3	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	3	2	3	1	2
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	3	1	2	6	6	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2		2	4		4
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1		1		1
All other diseases (Residual)	7	3	4	4	1	3
Motor vehicle accidents (E810-E825)	1	1		2	1	1
All other accidents and adverse effects (E800-E807, E826-E949)	4	2	2	1	1	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	1	1				
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

65 - 69

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	2,958	1,762	1,196	2,658	1,593	1,065
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1	1		1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	25	16	9	21	14	7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	951	530	421	861	480	381
Malignant neoplasm of digestive organs and peritoneum (150-159)	202	111	91	177	100	77
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	376	247	129	342	220	122
Malignant neoplasm of breast (174-175)	71		71	62		62
Malignant neoplasm of genital organs (179-187)	76	37	39	65	30	35
Malignant neoplasm of urinary organs (188-189)	32	24	8	31	24	7
Leukemia (204-208)	25	18	7	24	17	7
Other malignant neoplasms (140-149, 170-173, 190-203)	169	93	76	160	89	71
Diabetes mellitus (250)	65	33	32	51	26	25
Major cardiovascular diseases (390-448)	1,296	792	504	1,164	721	443
Diseases of the heart (390-398, 402, 404-429)	1,073	674	399	965	614	351
Rheumatic fever and rheumatic heart disease (390-398)	8	3	5	7	2	5
Hypertensive heart disease with or without renal disease (402,404)	13	9	4	13	9	4
Ischemic heart disease (410-414)	786	506	280	705	459	246
Other heart diseases (415-429)	266	156	110	240	144	96
Hypertension with or without renal disease (401,403)	11	9	2	9	7	2
Cerebrovascular disease (430-438)	155	76	79	139	68	71
Arteriosclerosis (440)	21	14	7	18	14	4
Other diseases of arterioes, arterioles, and capillaries (441-448)	36	19	17	33	18	15
Pneumonia and influenza (480-487)	71	45	26	64	42	22
Chronic obstructive pulmonary disease and allied conditions (490-496)	164	110	54	156	103	53
Ulcer of stomach and duodenum (531-533)	14	8	6	11	6	5
Chronic liver disease and cirrhosis (571)	39	22	17	32	18	14
Nephritis, nephrotic syndrome and nephrosis (580-589)	38	26	12	30	18	12
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	2	1	3	2	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	11	7	4	11	7	4
All other diseases (Residual)	196	116	80	177	105	72
Motor vehicle accidents (E810-E825)	20	12	8	19	12	7
All other accidents and adverse effects (E800-E807, E826-E949)	42	26	16	36	23	13
Suicide (E950-E959)	16	12	4	16	12	4
Homicide and legal intervention (E960-E978)	6	4	2	5	3	2
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

65 - 69

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	188	105	83	112	64	48
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	2	1	1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	68	39	29	22	11	11
Malignant neoplasm of digestive organs and peritoneum (150-159)	19	9	10	6	2	4
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	27	21	6	7	6	1
Malignant neoplasm of breast (174-175)	6		6	3		3
Malignant neoplasm of genital organs (179-187)	9	7	2	2		2
Malignant neoplasm of urinary organs (188-189)	1		1			
Leukemia (204-208)	1	1				
Other malignant neoplasms (140-149, 170-173, 190-203)	5	1	4	4	3	1
Diabetes mellitus (250)	8	6	2	6	1	5
Major cardiovascular diseases (390-448)	79	37	42	53	34	19
Diseases of the heart (390-398, 402, 404-429)	62	30	32	46	30	16
Rheumatic fever and rheumatic heart disease (390-398)	1	1				
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	45	21	24	36	26	10
Other heart diseases (415-429)	16	8	8	10	4	6
Hypertension with or without renal disease (401,403)	1	1		1	1	
Cerebrovascular disease (430-438)	13	6	7	3	2	1
Arteriosclerosis (440)	2		2	1		1
Other diseases of arterioes, arterioles, and capillaries (441-448)	1		1	2	1	1
Pneumonia and influenza (480-487)	3	1	2	4	2	2
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	3	1	4	4	
Ulcer of stomach and duodenum (531-533)	3	2	1			
Chronic liver disease and cirrhosis (571)	5	4	1	2		2
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	6		2	2	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	7	4	3	12	7	5
Motor vehicle accidents (E810-E825)				1		1
All other accidents and adverse effects (E800-E807, E826-E949)	2	1	1	4	2	2
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)				1	1	
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

70 - 74

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	3,369	1,972	1,397	3,047	1,801	1,246
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	7	5	2	7	5	2
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	33	16	17	32	16	16
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	951	585	366	865	537	328
Malignant neoplasm of digestive organs and peritoneum (150-159)	207	118	89	184	104	80
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	339	244	95	313	226	87
Malignant neoplasm of breast (174-175)	60		60	56		56
Malignant neoplasm of genital organs (179-187)	109	65	44	99	60	39
Malignant neoplasm of urinary organs (188-189)	44	35	9	40	33	7
Leukemia (204-208)	18	10	8	18	10	8
Other malignant neoplasms (140-149, 170-173, 190-203)	174	113	61	155	104	51
Diabetes mellitus (250)	61	30	31	49	23	26
Major cardiovascular diseases (390-448)	1,573	906	667	1,414	827	587
Diseases of the heart (390-398, 402, 404-429)	1,270	752	518	1,138	685	453
Rheumatic fever and rheumatic heart disease (390-398)	5	1	4	5	1	4
Hypertensive heart disease with or without renal disease (402,404)	11	7	4	9	6	3
Ischemic heart disease (410-414)	920	556	364	832	511	321
Other heart diseases (415-429)	334	188	146	292	167	125
Hypertension with or without renal disease (401,403)	5	1	4	5	1	4
Cerebrovascular disease (430-438)	217	98	119	196	88	108
Arteriosclerosis (440)	29	19	10	25	18	7
Other diseases of arterioes, arterioles, and capillaries (441-448)	52	36	16	50	35	15
Pneumonia and influenza (480-487)	101	64	37	93	60	33
Chronic obstructive pulmonary disease and allied conditions (490-496)	208	131	77	196	122	74
Ulcer of stomach and duodenum (531-533)	9	6	3	9	6	3
Chronic liver disease and cirrhosis (571)	31	18	13	25	14	11
Nephritis, nephrotic syndrome and nephrosis (580-589)	42	16	26	37	14	23
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	2	1	1	2	1	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	12	5	7	10	3	7
All other diseases (Residual)	251	129	122	224	116	108
Motor vehicle accidents (E810-E825)	21	11	10	20	10	10
All other accidents and adverse effects (E800-E807, E826-E949)	41	28	13	38	26	12
Suicide (E950-E959)	23	20	3	23	20	3
Homicide and legal intervention (E960-E978)	2	1	1	2	1	1
All other external causes (E980-E999)	1		1	1		1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

70 - 74

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births..						
Physician in hospital..........................						
Physician not in hospital......................						
Midwife, other, or unknown.....................						
Stillbirths..						
Physician in hospital..........................						
Physician not in hospital......................						
Midwife, other, or unknown.....................						
Total deaths, all causes...........................	203	107	96	119	64	55
Deaths under 1 year............................						
Deaths under 1 month...........................						
Tuberculosis ....(010-018)						
Syphilis ....(090-097)						
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)				1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	59	34	25	27	14	13
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	17	10	7	6	4	2
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	17	14	3	9	4	5
Malignant neoplasm of breast ....(174-175)	3		3	1		1
Malignant neoplasm of genital organs ....(179-187)	9	4	5	1	1	
Malignant neoplasm of urinary organs .(188-189)	2	1	1	2	1	1
Leukemia ....(204-208)						
Other malignant neoplasms ....(140-149, 170-173, 190-203)	11	5	6	8	4	4
Diabetes mellitus ....(250)	4	3	1	8	4	4
Major cardiovascular diseases ....(390-448)	106	51	55	53	28	25
Diseases of the heart ....(390-398, 402, 404-429)	87	42	45	45	25	20
Rheumatic fever and rheumatic heart disease ....(390-398)						
Hypertensive heart disease with or without renal disease ....(402,404)	1		1	1	1	
Ischemic heart disease ....(410-414)	56	27	29	32	18	14
Other heart diseases ....(415-429)	30	15	15	12	6	6
Hypertension with or without renal disease ....(401,403)						
Cerebrovascular disease ....(430-438)	17	8	9	4	2	2
Arteriosclerosis ....(440)	2	1	1	2		2
Other diseases of arteries, arterioles, and capillaries ....(441-448)				2	1	1
Pneumonia and influenza ....(480-487)	2	1	1	6	3	3
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	9	6	3	3	3	
Ulcer of stomach and duodenum ....(531-533)						
Chronic liver disease and cirrhosis ....(571)	4	3	1	2	1	1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2		2	3	2	1
Complications of pregnancy, childbirth, and the puerperium ....(630-676)						
Congenital anomalies ....(740-759)						
Certain conditions originating in the perinatal period ....(760-779)						
Symptoms, signs, and ill-defined conditions ....(780-799)	1	1		1	1	
All other diseases ....(Residual)	14	7	7	13	6	7
Motor vehicle accidents ....(E810-E825)				1	1	
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	1	1	1	1	
Suicide ....(E950-E959)						
Homicide and legal intervention ....(E960-E978)						
All other external causes ....(E980-E999)						

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

75 - 79

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	4,331	2,276	2,055	3,976	2,088	1,888
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	4	3	1	4	3	1
Syphilis (090-097)	1		1	1		1
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	56	31	25	50	27	23
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	985	558	427	900	502	398
Malignant neoplasm of digestive organs and peritoneum (150-159)	244	120	124	210	101	109
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	280	204	76	262	190	72
Malignant neoplasm of breast (174-175)	66		66	62		62
Malignant neoplasm of genital organs (179-187)	129	87	42	114	74	40
Malignant neoplasm of urinary organs (188-189)	42	29	13	37	26	11
Leukemia (204-208)	44	24	20	44	24	20
Other malignant neoplasms (140-149, 170-173, 190-203)	180	94	86	171	87	84
Diabetes mellitus (250)	89	39	50	72	30	42
Major cardiovascular diseases (390-448)	2,185	1,116	1,069	2,005	1,027	978
Diseases of the heart (390-398, 402, 404-429)	1,651	883	768	1,519	812	707
Rneumatic fever and rheumatic heart disease (390-398)	8	2	6	8	2	6
Hypertensive heart disease with or without renal disease (402,404)	24	11	13	18	8	10
Ischemic heart disease (410-414)	1,223	673	550	1,131	625	506
Other heart diseases (415-429)	395	197	198	361	177	184
Hypertension with or without renal disease (401,403)	16	9	7	14	9	5
Cerebrovascular disease (430-438)	379	150	229	341	136	205
Arteriosclerosis (440)	72	34	38	65	31	34
Other diseases of arterioes, arterioles, and capillaries (441-448)	67	40	27	66	39	27
Pneumonia and influenza (480-487)	170	86	84	160	83	77
Chronic obstructive pulmonary disease and allied conditions (490-496)	242	162	80	235	155	80
Ulcer of stomach and duodenum (531-533)	8	5	3	7	5	2
Chronic liver disease and cirrhosis (571)	25	8	17	23	8	15
Nephritis, nephrotic syndrome and nephrosis (580-589)	63	30	33	54	27	27
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	5	2	3	5	2	3
Certain conditions originating in the perinatal period (760-779)	1		1	1		1
Symptoms, signs, and ill-defined conditions (780-799)	17	6	11	15	5	10
All other diseases (Residual)	380	162	218	352	152	200
Motor vehicle accidents (E810-E825)	28	18	10	27	17	10
All other accidents and adverse effects (E800-E807, E826-E949)	46	28	18	40	24	16
Suicide (E950-E959)	21	18	3	21	18	3
Homicide and legal intervention (E960-E978)	4	2	2	3	1	2
All other external causes (E980-E999)	2	2		2	2	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

75 - 79

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	227	120	107	128	68	60
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	2	2	2	2	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	66	43	23	19	13	6
Malignant neoplasm of digestive organs and peritoneum (150-159)	26	12	14	8	7	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	15	12	3	3	2	1
Malignant neoplasm of breast (174-175)	4		4			
Malignant neoplasm of genital organs (179-187)	12	11	1	3	2	1
Malignant neoplasm of urinary organs (188-189)	3	2	1	2	1	1
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	6	6		3	1	2
Diabetes mellitus (250)	12	6	6	5	3	2
Major cardiovascular diseases (390-448)	109	51	58	71	38	33
Diseases of the heart (390-398, 402, 404-429)	78	40	38	54	31	23
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	6	3	3			
Ischemic heart disease (410-414)	54	26	28	38	22	16
Other heart diseases (415-429)	18	11	7	16	9	7
Hypertension with or without renal disease (401,403)	2		2			
Cerebrovascular disease (430-438)	24	9	15	14	5	9
Arteriosclerosis (440)	5	2	3	2	1	1
Other diseases of arteries, arterioles, and capillaries (441-448)				1	1	
Pneumonia and influenza (480-487)	5	1	4	5	2	3
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	3		4	4	
Ulcer of stomach and duodenum (531-533)	1		1			
Chronic liver disease and cirrhosis (571)	1		1	1		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	3	2	4		4
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)				2	1	1
All other diseases (Residual)	18	8	10	10	2	8
Motor vehicle accidents (E810-E825)				1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	2	2		4	2	2
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	1	1				
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

80 - 84

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	4,513	2,065	2,448	4,136	1,892	2,244
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	3	1	2	3	1	2
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	55	34	21	47	30	17
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	757	387	370	697	366	331
Malignant neoplasm of digestive organs and peritoneum (150-159)	215	96	119	195	89	106
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	172	117	55	157	112	45
Malignant neoplasm of breast (174-175)	39		39	36		36
Malignant neoplasm of genital organs (179-187)	118	77	41	111	72	39
Malignant neoplasm of urinary organs (188-189)	42	23	19	38	22	16
Leukemia (204-208)	25	14	11	23	13	10
Other malignant neoplasms (140-149, 170-173, 190-203)	146	60	86	137	58	79
Diabetes mellitus (250)	76	23	53	68	20	48
Major cardiovascular diseases (390-448)	2,521	1,097	1,424	2,305	998	1,307
Diseases of the heart (390-398, 402, 404-429)	1,903	848	1,055	1,751	779	972
Rheumatic fever and rheumatic heart disease (390-398)	10	2	8	10	2	8
Hypertensive heart disease with or without renal disease (402,404)	35	15	20	30	13	17
Ischemic heart disease (410-414)	1,334	612	722	1,243	568	675
Other heart diseases (415-429)	524	219	305	468	196	272
Hypertension with or without renal disease (401,403)	15	9	6	13	8	5
Cerebrovascular disease (430-438)	478	183	295	428	157	271
Arteriosclerosis (440)	78	32	46	70	30	40
Other diseases of arterioes, arterioles, and capillaries (441-448)	47	25	22	43	24	19
Pneumonia and influenza (480-487)	205	89	116	193	80	113
Chronic obstructive pulmonary disease and allied conditions (490-496)	197	124	73	184	116	68
Ulcer of stomach and duodenum (531-533)	14	4	10	14	4	10
Chronic liver disease and cirrhosis (571)	18	5	13	15	4	11
Nephritis, nephrotic syndrome and nephrosis (580-589)	85	39	46	70	29	41
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	4	1	3	3	1	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	22	9	13	21	8	13
All other diseases (Residual)	444	193	251	411	181	230
Motor vehicle accidents (E810-E825)	23	13	10	22	12	10
All other accidents and adverse effects (E800-E807, E826-E949)	66	27	39	62	23	39
Suicide (E950-E959)	20	19	1	20	19	1
Homicide and legal intervention (E960-E978)	3		3	1		1
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

80 - 84

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births..						
Physician in hospital..........................						
Physician not in hospital......................						
Midwife, other, or unknown.....................						
Stillbirths..						
Physician in hospital..........................						
Physician not in hospital......................						
Midwife, other, or unknown.....................						
Total deaths, all causes...........................	260	116	144	117	57	60
Deaths under 1 year............................						
Deaths under 1 month...........................						
Tuberculosis ....(010-018)						
Syphilis ....(090-097)						
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	6	4	2	2		2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	43	13	30	17	8	9
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	15	5	10	5	2	3
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	12	3	9	3	2	1
Malignant neoplasm of breast ....(174-175)	1		1	2		2
Malignant neoplasm of genital organs ....(179-187)	6	4	2	1	1	
Malignant neoplasm of urinary organs .(188-189)	2		2	2	1	1
Leukemia ....(204-208)	1		1	1	1	
Other malignant neoplasms ....(140-149, 170-173, 190-203)	6	1	5	3	1	2
Diabetes mellitus ....(250)	4	2	2	4	1	3
Major cardiovascular diseases ....(390-448)	152	66	86	64	33	31
Diseases of the heart ....(390-398, 402, 404-429)	103	44	59	49	25	24
Rheumatic fever and rheumatic heart disease ....(390-398)						
Hypertensive heart disease with or without renal disease ....(402,404)	3	1	2	2	1	1
Ischemic heart disease ....(410-414)	64	29	35	27	15	12
Other heart diseases ....(415-429)	36	14	22	20	9	11
Hypertension with or without renal disease ....(401,403)	2	1	1			
Cerebrovascular disease ....(430-438)	37	19	18	13	7	6
Arteriosclerosis ....(440)	7	2	5	1		1
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	3		3	1	1	
Pneumonia and influenza ....(480-487)	5	4	1	7	5	2
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	7	5	2	6	3	3
Ulcer of stomach and duodenum ....(531-533)						
Chronic liver disease and cirrhosis ....(571)	1	1		2		2
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	9	6	3	6	4	2
Complications of pregnancy, childbirth, and the puerperium ....(630-676)						
Congenital anomalies ....(740-759)	1		1			
Certain conditions originating in the perinatal period ....(760-779)						
Symptoms, signs, and ill-defined conditions ....(780-799)	1	1				
All other diseases ....(Residual)	26	11	15	7	1	6
Motor vehicle accidents ....(E810-E825)				1	1	
All other accidents and adverse effects ....(E800-E807, E826-E949)	3	3		1	1	
Suicide ....(E950-E959)						
Homicide and legal intervention ....(E960-E978)	2		2			
All other external causes ....(E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

85 - 89

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	3,581	1,399	2,182	3,344	1,291	2,053
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	3	1	2	3	1	2
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	53	23	30	47	20	27
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	413	200	213	384	187	197
Malignant neoplasm of digestive organs and peritoneum (150-159)	134	62	72	123	54	69
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	63	37	26	60	36	24
Malignant neoplasm of breast (174-175)	23		23	20		20
Malignant neoplasm of genital organs (179-187)	79	52	27	75	50	25
Malignant neoplasm of urinary organs (188-189)	16	7	9	15	6	9
Leukemia (204-208)	26	10	16	24	10	14
Other malignant neoplasms (140-I49, 170-173, 190-203)	72	32	40	67	31	36
Diabetes mellitus (250)	40	13	27	34	11	23
Major cardiovascular diseases (390-448)	2,171	770	1,401	2,031	706	1,325
Diseases of the heart (390-398, 402, 404-429)	1,602	585	1,017	1,501	532	969
Rheumatic fever and rheumatic heart disease (390-398)	5	2	3	5	2	3
Hypertensive heart disease with or without renal disease (402,404)	30	8	22	24	4	20
Ischemic heart disease (410-414)	1,055	415	640	991	384	607
Other heart diseases (415-429)	512	160	352	481	142	339
Hypertension with or without renal disease (401,403)	19	3	16	16	3	13
Cerebrovascular disease (430-438)	434	136	298	407	127	280
Arteriosclerosis (440)	87	30	57	80	28	52
Other diseases of arterioes, arterioles, and capillaries (441-448)	29	16	13	27	16	11
Pneumonia and influenza (480-487)	247	107	140	230	99	131
Chronic obstructive pulmonary disease and allied conditions (490-496)	109	74	35	106	71	35
Ulcer of stomach and duodenum (531-533)	13	7	6	12	6	6
Chronic liver disease and cirrhosis (571)	4	2	2	3	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	61	28	33	58	27	31
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	1	2	2	1	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	28	7	21	27	7	20
All other diseases (Residual)	359	129	230	334	119	215
Motor vehicle accidents (E810-E825)	4	3	1	4	3	1
All other accidents and adverse effects (E800-E807, E826-E949)	64	27	37	60	25	35
Suicide (E950-E959)	5	5		5	5	
Homicide and legal intervention (E960-E978)	3	2	1	3	2	1
All other external causes (E980-E999)	1		1	1		1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

85 - 89

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	161	70	91	76	38	38
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	1	2	3	2	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	21	8	13	8	5	3
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	4	1	6	4	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	1	2			
Malignant neoplasm of breast (174-175)	2		2	1		1
Malignant neoplasm of genital organs (179-187)	4	2	2			
Malignant neoplasm of urinary organs (188-189)	1	1				
Leukemia (204-208)	2		2			
Other malignant neoplasms (140-149, 170-173, 190-203)	4		4	1	1	
Diabetes mellitus (250)	2		2	4	2	2
Major cardiovascular diseases (390-448)	99	45	54	41	19	22
Diseases of the heart (390-398, 402, 404-429)	74	37	37	27	16	11
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	5	3	2	1	1	
Ischemic heart disease (410-414)	48	23	25	16	8	8
Other heart diseases (415-429)	21	11	10	10	7	3
Hypertension with or without renal disease (401,403)	3		3			
Cerebrovascular disease (430-438)	18	7	11	9	2	7
Arteriosclerosis (440)	3	1	2	4	1	3
Other diseases of arterioes, arterioles, and capillaries (441-448)	1		1	1		1
Pneumonia and influenza (480-487)	7	2	5	10	6	4
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	2		1	1	
Ulcer of stomach and duodenum (531-533)	1	1				
Chronic liver disease and cirrhosis (571)	1	1				
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	1	2			
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1		1			
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1			
All other diseases (Residual)	18	7	11	7	3	4
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)	2	2		2		2
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

90 - 94

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	2,215	649	1,566	2,063	598	1,465
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1	1		1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	35	12	23	30	11	19
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	205	82	123	181	72	109
Malignant neoplasm of digestive organs and peritoneum (150-159)	66	21	45	60	18	42
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	27	14	13	23	13	10
Malignant neoplasm of breast (174-175)	16		16	14		14
Malignant neoplasm of genital organs (179-187)	31	22	9	24	18	6
Malignant neoplasm of urinary organs (188-189)	13	8	5	11	6	5
Leukemia (204-208)	13	6	7	11	6	5
Other malignant neoplasms (140-149, 170-173, 190-203)	39	11	28	38	11	27
Diabetes mellitus (250)	39	6	33	31	4	27
Major cardiovascular diseases (390-448)	1,361	350	1,011	1,277	324	953
Diseases of the heart (390-398, 402, 404-429)	1,014	279	735	951	259	692
Rheumatic fever and rheumatic heart disease (390-398)	3		3	3		3
Hypertensive heart disease with or without renal disease (402,404)	15	2	13	14	2	12
Ischemic heart disease (410-414)	612	165	447	579	153	426
Other heart diseases (415-429)	384	112	272	355	104	251
Hypertension with or without renal disease (401,403)	8	1	7	5	1	4
Cerebrovascular disease (430-438)	270	57	213	254	51	203
Arteriosclerosis (440)	48	8	40	47	8	39
Other diseases of arterioes, arterioles, and capillaries (441-448)	21	5	16	20	5	15
Pneumonia and influenza (480-487)	172	62	110	162	57	105
Chronic obstructive pulmonary disease and allied conditions (490-496)	48	29	19	47	29	18
Ulcer of stomach and duodenum (531-533)	9	2	7	8	2	6
Chronic liver disease and cirrhosis (571)	6	2	4	6	2	4
Nephritis, nephrotic syndrome and nephrosis (580-589)	50	18	32	42	15	27
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1		1	1		1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	21	3	18	20	3	17
All other diseases (Residual)	222	64	158	213	61	152
Motor vehicle accidents (E810-E825)	1	1		1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	41	15	26	40	14	26
Suicide (E950-E959)	2	2		2	2	
Homicide and legal intervention (E960-E978)	1		1	1		1
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

90 - 94

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	96	38	58	56	13	43
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	1	1	3		3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	15	6	9	9	4	5
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	2	2	2	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3		3	1	1	
Malignant neoplasm of breast (174-175)	2		2			
Malignant neoplasm of genital organs (179-187)	5	3	2	2	1	1
Malignant neoplasm of urinary organs (188-189)	1	1		1	1	
Leukemia (204-208)				2		2
Other malignant neoplasms (140-149, 170-173, 190-203)				1		1
Diabetes mellitus (250)	5	1	4	3	1	2
Major cardiovascular diseases (390-448)	55	21	34	29	5	24
Diseases of the heart (390-398, 402, 404-429)	41	16	25	22	4	18
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)				1		1
Ischemic heart disease (410-414)	23	9	14	10	3	7
Other heart diseases (415-429)	18	7	11	11	1	10
Hypertension with or without renal disease (401,403)	3		3			
Cerebrovascular disease (430-438)	10	5	5	6	1	5
Arteriosclerosis (440)			1			
Other diseases of arteries, arterioles, and capillaries (441-448)				1		1
Pneumonia and influenza (480-487)	5	4	1	5	1	4
Chronic obstructive pulmonary disease and allied conditions (490-496)				1		1
Ulcer of stomach and duodenum (531-533)	1		1			
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	2	4	2	1	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)				1		1
All other diseases (Residual)	7	3	4	2		2
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)				1	1	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

95 - 99

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	752	202	550	703	182	521
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1	1		1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	12	5	7	12	5	7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	48	21	27	41	16	25
Malignant neoplasm of digestive organs and peritoneum (150-159)	15	7	8	12	4	8
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	2		2	2	
Malignant neoplasm of breast (174-175)	5		5	5		5
Malignant neoplasm of genital organs (179-187)	8	5	3	7	4	3
Malignant neoplasm of urinary organs (188-189)	3	1	2	2	1	1
Leukemia (204-208)	2	1	1	2	1	1
Other malignant neoplasms (140-149, 170-173, 190-203)	13	5	8	11	4	7
Diabetes mellitus (250)	4	1	3	4	1	3
Major cardiovascular diseases (390-448)	477	107	370	445	95	350
Diseases of the heart (390-398, 402, 404-429)	360	79	281	334	70	264
Rheumatic fever and rheumatic heart disease (390-398)	2		2	2		2
Hypertensive heart disease with or without renal disease (402,404)	4		4	4		4
Ischemic heart disease (410-414)	229	57	172	210	50	160
Other heart diseases (415-429)	125	22	103	118	20	98
Hypertension with or without renal disease (401,403)	3		3	2		2
Cerebrovascular disease (430-438)	75	15	60	73	14	59
Arteriosclerosis (440)	31	9	22	29	8	21
Other diseases of arterioes, arterioles, and capillaries (441-448)	8	4	4	7	3	4
Pneumonia and influenza (480-487)	80	22	58	78	22	56
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	1	4	5	1	4
Ulcer of stomach and duodenum (531-533)	1		1	1		1
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	14	5	9	13	5	8
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	17	4	13	16	3	13
All other diseases (Residual)	77	26	51	71	24	47
Motor vehicle accidents (E810-E825)	2	2		2	2	
All other accidents and adverse effects (E800-E807, E826-E949)	14	7	7	14	7	7
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1988

95 - 99

	BLACK TOTAL	 MALE	 FEMALE	INDIAN TOTAL	 MALE	 FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	41	18	23	8	2	6
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	7	5	2			
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	3				
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)	1	1				
Malignant neoplasm of urinary organs (188-189)	1		1			
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	2	1	1			
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	26	11	15	6	1	5
Diseases of the heart (390-398, 402, 404-429)	20	8	12	6	1	5
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	15	6	9	4	1	3
Other heart diseases (415-429)	5	2	3	2		2
Hypertension with or without renal disease (401,403)	1		1			
Cerebrovascular disease (430-438)	2	1	1			
Arteriosclerosis (440)	2	1	1			
Other diseases of arteries, arterioles, and capillaries (441-448)	1	1				
Pneumonia and influenza (480-487)	2		2			
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	1		1			
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)				1	1	
All other diseases (Residual)	5	2	3	1		1
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)						
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

100 UP

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	155	33	122	135	29	106
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1		1	1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4	1	3	3	1	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	1		1			
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1		1	1		1
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)	1	1		1	1	
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	2		2	1		1
Major cardiovascular diseases (390-448)	120	27	93	102	23	79
Diseases of the heart (390-398, 402, 404-429)	97	22	75	84	20	64
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	2		2	2		2
Ischemic heart disease (410-414)	50	10	40	42	9	33
Other heart diseases (415-429)	45	12	33	40	11	29
Hypertension with or without renal disease (401,403)	1		1	1		1
Cerebrovascular disease (430-438)	13	3	10	12	2	10
Arteriosclerosis (440)	7	2	5	4	1	3
Other diseases of arterioes, arterioles, and capillaries (441-448)	2		2	1		1
Pneumonia and influenza (480-487)	12	3	9	12	3	9
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1	1		1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	1	3	4	1	3
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1	1		1
All other diseases (Residual)	9		9	9		9
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)	1	1		1	1	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

100 UP

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	17	2	15	3	2	1
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1		1			
Malignant neoplasm of digestive organs and peritoneum (150-159)	1		1			
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	1		1			
Major cardiovascular diseases (390-448)	15	2	13	3	2	1
Diseases of the heart (390-398, 402, 404-429)	10		10	3	2	1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	7		7	1	1	
Other heart diseases (415-429)	3		3	2	1	1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1	1				
Arteriosclerosis (440)	3	1	2			
Other diseases of arterioes, arterioles, and capillaries (441-448)	1		1			
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)						
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)						
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1988

UNKNOWN

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	16	12	4	5	4	1
Physician in hospital	16	12	4	5	4	1
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths	23	13	10	19	10	9
Physician in hospital	21	11	10	17	8	9
Physician not in hospital						
Midwife, other, or unknown	2	2		2	2	
Total deaths, all causes	24	13	11	19	10	9
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1		1	1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4	2	2	4	2	2
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	1	1	2	1	1
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1		1	1	
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	6	2	4	4	2	2
Diseases of the heart (390-398, 402, 404-429)	5	2	3	4	2	2
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	2		2	2		2
Other heart diseases (415-429)	3	2	1	2	2	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1		1			
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1	1		1	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1	1		1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	1	1		1	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	1		1	1		1
Motor vehicle accidents (E810-E825)	1	1		1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	3	3		1	1	
Suicide (E950-E959)	2	1	1	2	1	1
Homicide and legal intervention (E960-E978)	3	2	1	2	1	1
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1988
UNKNOWN

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	6	4	2	5	4	1
Physician in hospital	6	4	2	5	4	1
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital	4	3	1			
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	4	3	1	1		1
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)						
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1		1	1		1
Diseases of the heart (390-398, 402, 404-429)	1		1			
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1		1			
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)				1		1
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)						
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)	2	2				
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	1	1				
All other external causes (E980-E999)						

TABLE XII

LEADING CAUSES OF DEATHS, NUMBER AND RANK, BY RACE AND SEX, OKLAHOMA, 1988

CAUSE OF DEATH	TOTAL		SEX				RACE					
			MALE		FEMALE		WHITE		BLACK		INDIAN	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
DISEASES OF THE HEART	10905	1	5465	1	5440	1	9912	1	651	1	342	1
MALIGNANT NEOPLASMS	6350	2	3478	2	2872	2	5750	2	419	2	181	2
CEREBROVASCULAR DISEASE	2310	3	861	4	1449	3	2086	3	156	3	68	4
ACCIDENTS OF ALL TYPES	1371	4	924	3	447	6	1223	4	65	4	83	3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1218	5	769	5	449	5	1151	5	40	6	27	7
PNEUMONIA AND INFLUENZA	1163	6	537	6	626	4	1083	6	36	7	44	6
DIABETES MELLITUS	540	7	228	8	312	7	436	7	57	5	47	5
SUICIDE	436	8	347	7	89	10	411	8	14	9	11	10
NEPHRITIS, NEPHROTIC & NEPHROSIS SYNDROME	415	9	187	9	228	9	350	10	40	6	25	8
ARTERIOSCLEROSIS	401	10	160	10	241	8	362	9	27	8	12	9

TABLE XIII

LEADING CAUSES OF DEATH, NUMBER AND RANK, BY AGE, OKLAHOMA, 1988

CAUSE OF DEATH	AGE ALL AGES NUMBER	 ALL AGES RANK	 UNDER-5 NUMBER	 UNDER-5 RANK	 5 - 24 NUMBER	 5 - 24 RANK	 25 - 44 NUMBER	 25 - 44 RANK	 45 - 64 NUMBER	 45 - 64 RANK	 65 - 84 NUMBER	 65 - 84 RANK	 OVER-84 NUMBER	 OVER-84 RANK
DISEASES OF THE HEART	10905	1	15	2	19	4	226	3	1670	2	5897	1	3078	1
MALIGNANT NEOPLASMS	6350	2	4	3	40	3	263	2	1725	1	3644	2	674	3
CEREBROVASCULAR DISEASE	2310	3	2	4	4	7	46	5	236	3	1229	3	793	2
ACCIDENTS OF ALL TYPES	1371	4	65	1	316	1	357	1	215	5	287	7	131	7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1218	5	0	-	6	5	14	8	223	4	811	4	164	6
PNEUMONIA AND INFLUENZA	1163	6	4	3	5	6	20	7	75	8	547	5	512	4
DIABETES MELLITUS	540	7	0	-	1	9	30	6	133	6	291	6	65	9
SUICIDE	436	8	0	-	78	2	173	4	96	7	80	10	9	10
NEPHRITIS,NEPHROTIC & NEPHROSIS SYNDROME	415	9	4	3	3	8	3	9	48	9	228	8	129	8
ARTERIOSCLEROSIS	401	10	0	-	0	-	1	10	27	10	200	9	173	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Cholera	001					
Typhoid and paratyphoid fevers	002					
Other salmonella infections	003					
Shigellosis	004	1		1		
Other food poisioning (bacteria)	005	1		1		
Amoebiasis	006					
Other protozoal intestional diseases	007					
Intestional infections due to other organism	008	2	0.1	2		
Ill-defined intestional infections	009	1		1		
INTESTIONAL INFECTIOUS DISEASES	001 - 009	5	0.2	5		
Primary tuberculous infection	010					
Pulmonary tuberculosis	011	25	0.8	24	1	
Other respiratory tuberculosis	012					
Tuberculosis of meninges and central nervous system	013	1		1		
Tuberculosis of intestines, pertoneum, and mesenteric glands.	014					
Tuberculosis of bones and joints	015					
Tuberculosis of genitourinary system	016					
Tuberculosis of other organs	017					
Miliary tuberculosis	018	2	0.1	2		
TUBERCULOSIS	010 - 018	28	0.9	27	1	
Plague	020					
Tularaemia	021	1		1		
Anthrax	022					
Brucellosis	023					
Glanders	024					
Melioidosis	025					
Rat-bite fever	026					
Other zoonotic bacterial diseases	027	1		1		
ZOONOTIC BACTERIAL DISEASES	020 - 027	2	0.1	2		
Leprosy	030					
Diseases due to other mycobacteria	031	2	0.1	2		
Diptheria	032					
Whooping cough	033					
Streptococcal sore throat and scarlatina	034					
Erysipelas	035					
Meningococcal infection	036	2	0.1	2		
Tetanus	037					
Septicaemia	038	258	8.0	218	22	18
Actinomycotic infections	039					
Other bacterial diseases	040	2	0.1	2		
Bacterial infection in conditions classified elsewhere and of unspecified site	041	5	0.2	5		
OTHER BACTERIAL DISEASES	030 - 041	269	8.3	229	22	18
HTLV-III/LAV with specified conditions	042	79	2.4	67	10	2

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
HTLV-III/LAV causing other specified conditions	043					
Positive HIV	044	2	0.1	2		
HUMAN T-CELL LYMPHOTROPIC VIRUS-III LYMPHADENOPATHY ASSOCIATED VIRUS (HTLV-III/LAV) INFECTION	042 - 044	81	2.5	69	10	2
Acute poliomyelitis	045					
Slow virus infection of central nervous syst	046	1		1		
Meningitis due to enterovirus	047					
Other enterovirus diseases of central nervou system	048					
Other non-arthropod-borne viral diseases of central nervous system	049	8	0.2	8		
POLIOMYELITIS AND OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	045 - 049	9	0.3	9		
Smallpox	050					
Cowpox and paravaccinia	051					
Chickenpox	052	1				1
Herpes zoster	053	1		1		
Herpes simplex	054	3	0.1	2	1	
Measles	055					
Rubella	056					
Other viral exanthemata	057					
VIRAL DISEASES ACCOMPANIED BY EXANTHEM	050 - 057	5	0.2	3	1	1
Yellow fever	060					
Dengue	061					
Mosquito-borne viral encephalitis	062					
Tick-borne viral encephalitis	063					
Viral encephalitis transmitted by other and unspecified arthropods	064					
Arthropod-borne haemorrhagic fever	065					
Other arthropod-borne viral diseases	066					
ARTHROPOD-BORNE VIRAL DISEASES	060 - 066					
Viral hepatitis	070	23	0.7	17	5	1
Rabies	071					
Mumps	072					
Ornithosis	073					
Specific diseases due to Coxsackie virus	074					
Infectious mononucleosis	075					
Trachoma	076					
Other diseases of conjunctiva due to viruses and Chlamydiae	077					
Other diseases due to viruses and Chlamydiae	078					
Viral infection in conditions classified elsewhere and of unspecified site	079	3	0.1	3		
OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	070 - 079	26	0.8	20	5	1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Louse-borne (epidemic) typhus	080					
Other typhus	081					
Tick-borne rickettsioses	082	4	0.1	4		
Other rickettsioses	083					
Malaria	084					
Leishmaniasis	085					
Trypanosomiasis	086					
Relapsing fever	087					
Other arthropod-borne diseases	088					
RICKETSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	080 - 088	4	0.1	4		
Congenital syphilis	090					
Early syphilis, symptomatic	091					
Early syphilis, latent	092					
Cardiovascular syphilis	093					
Neurosyphilis	094					
Other forms of late syphilis, with symtoms	095					
Late syphilis, latent	096					
Other and unspecified syphilis	097	1		1		
Gonococcal infections	098					
Other venereal diseases	099					
SYPHILIS AND OTHER VENEREAL DISEASES	090 - 099	1		1		
Leptospirosis	100	1		1		
Vincent's angina	101					
Yaws	102					
Pinta	103					
Other spirochaetal infection	104					
OTHER SPIROCHAETAL DISEASES	100 - 104	1		1		
Dermatophytosis	110					
Dermatomycosis, other and unspecified	111					
Candidiasis	112	5	0.2	5		
Coccidioidomycosis	114	3	0.1	3		
Histoplasmosis	115					
Blastomycotic infection	116					
Other mycoses	117	14	0.4	13		1
Opportunistic mycoses	118					
MYCOSES	110 - 118	22	0.7	21		1
Schistosomiasis (bilharziasis)	120					
Other trematode infections	121					
Echinococcosis	122					
Other cestode infection	123					
Trichinosis	124					
Filarial infection and dracontiasis	125					
Ancylostomiasis and necatoriasis	126					
Other intestinal helminthiases	127	1		1		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Other and unspecified helminthiases	128					
Intestinal parasitism, unspecified	129					
HELMINTHIASES	120 - 129	1		1		
Toxoplasmosis	130					
Trichomoniasis	131					
Pediculosis and phthirus infestation	132					
Acariasis	133					
Other infestation	134					
Sarcoidosis	135					
Other and unspecified infectious and parasitic diseases	136	6	0.2	4	2	
OTHER INFECTIOUS AND PARASITIC DISEASES	130 - 136	6	0.2	4	2	
Late effects of tuberculosis	137	3	0.1	3		
Late effects of acute poliomyelitis	138	2	0.1	2		
Late effects of other infectious and parasitic diseases	139					
LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	137 - 139	5	0.2	5		
INFECTIOUS AND PARASITIC DISEASES	001 - 139	465	14.3	401	41	23
Malignant neoplasm of lip	140	3	0.1	3		
Malignant neoplasm of tongue	141	21	0.6	20		1
Malignant neoplasm of major salivary glands	142	4	0.1	4		
Malignant neoplasm of gum	143					
Malignant neoplasm of floor of mouth	144	6	0.2	6		
Malignant neoplasm of other and unspecified parts of mouth	145	22	0.7	20		2
Malignant neoplasm of oropharynx	146	12	0.4	11	1	
Malignant neoplasm of nasopharynx	147	12	0.4	10	2	
Malignant neoplasm of hypopharynx	148	7	0.2	7		
Malignant neoplasm of other and ill-defined sites within the lip, oral cavity and pharynx	149	14	0.4	12		2
MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	140 - 149	101	3.1	93	3	5
Malignant neoplasm of oesophagus	150	88	2.7	75	11	2
Malignant neoplasm of stomach	151	168	5.2	143	17	8
Malignant neoplasm of small intestine, including duodenum	152	11	0.3	9	1	1
Malignant neoplasm of colon	153	560	17.3	509	37	14
Malignant neoplasm of rectum, recosigmoid junction and anus	154	98	3.0	88	9	1
Malignant neoplasm of liver and intrahepatic bile ducts	155	92	2.8	75	9	8
Malignant neoplasm of gallbladder and extrahepatic bile ducts	156	55	1.7	49	1	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Malignant neoplasm of pancreas	157	305	9.4	265	29	11
Malignant neoplasm of retroperitoneum and peritoneum	158	9	0.3	8	1	
Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum	159	22	0.7	20	1	1
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	150 - 159	1,408	43.4	1,241	116	51
Malignant neoplasm of nasal cavities, middle ear and accessory sinuses	160	8	0.2	6	1	1
Malignant neoplasm of larynx	161	35	1.1	31	4	
Malignant neoplasm of trachea, bronchus and lung	162	1,965	60.6	1,795	128	42
Malignant neoplasm of pleura	163	2	0.1	2		
Malignant neoplasm of thymus, heart and mediastinum	164	11	0.3	10	1	
Malignant neoplasm of other and ill-defined sites within the respiratory system and intathoracic organs	165					
MALIGNANT NEOPLASM OF RESPIRATORY AND INTATHORACIC ORGANS	160 - 165	2,021	62.3	1,844	134	43
Malignant neoplasm of bone and articular cartilage	170	10	0.3	9		1
Malignant neoplasm of connective and other soft tissue	171	45	1.4	43	1	1
Malignant melanoma of skin	172	84	2.6	84		
Other malignant neoplasm of skin	173	44	1.4	42	2	
Malignant neoplasm of female breast	174	489	15.1	445	33	11
Maligant neoplasm of male breast	175	1		1		
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE SKIN AND BREAST	170 - 175	673	20.8	624	36	13
Malignant neoplasm of uterus, part unspecified	179	28	0.9	21	5	2
Malignant neoplasm of cervix uteri	180	66	2.0	52	8	6
Malignant neoplasm of placenta	181					
Malignant neoplasm of body of uterus	182	53	1.6	50	2	1
Malignant neoplasm of ovary and other uterine adnexa	183	173	5.3	158	10	5
Malignant neoplasm of other and unspecified female genital organs	184	11	0.3	11		
Malignant neoplasm of prostate	185	364	11.2	325	32	7
Malignant neoplasm of testis	186	3	0.1	3		
Malignant neoplasm of penis and other male genital organs	187	6	0.2	6		
Malignant neoplasm of bladder	188	122	3.8	113	4	5
Malignant neoplasm of kidney and other and unspecified urinary organs	189	128	3.9	116	7	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	179 - 189	954	29.4	855	68	31
Malignant neoplasm of eye	190	2	0.1	2		
Malignant neoplasm of brain	191	164	5.1	153	7	4
Malignant neoplasm of other and unspecified parts of nervous system	192	6	0.2	6		
Malignant neoplasm of thyroid gland	193	11	0.3	10	1	
Malignant neoplasm of other endocrine gland and related structures	194	5	0.2	5		
Malignant neoplasm of other and ill-defined sites	195	42	1.3	38	2	2
Secondary and unspecified malignant neoplas of lymph nodes	196					
Secondary malignant neoplasm of respiratory and digestive systems	197	2	0.1	2		
Secondary malignant neoplasm of other specified sites	198					
Malignant neoplasm without specification of site	199	390	12.0	349	24	17
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	190 - 199	622	19.2	565	34	23
Lymphosarcoma and reticulosarcoma	200	34	1.0	32	2	
Hodgkin's disease	201	15	0.5	15		
Other malignant neoplasm of lympoid and histiocytic tissue	202	189	5.8	179	5	5
Multiple myeloma and immunoproliferative neoplasms	203	113	3.5	99	11	3
Lymphoid leukaemia	204	76	2.3	68	5	3
Myeloid leukaemia	205	97	3.0	93	3	1
Monocytic leukaemia	206	5	0.2	5		
Other specified leukaemia	207	3	0.1	3		
Leukaemia of unspecified cell type	208	39	1.2	34	2	3
MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	200 - 208	571	17.6	528	28	15
Benign neoplasm of lip, oral cavity and pharynx	210					
Benign neoplasm of other parts of digestive system	211	3	0.1	3		
Benign neoplasm of respiratory and intrathoracic organs	212	1		1		
Benign neoplasm of bone and articular cartilage	213					
Lipoma	214					
Other benign neoplasm of connective and other soft tissue	215					
Benign neoplasm of skin	216					
Benign neoplasm of breast	217					
Uterine leiomyoma	218					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Other benign neoplasm of uterus	219					
Benign neoplams of ovary	220	1				1
Benign neoplasm of other female genital organs	221					
Benign neoplasm of male genital organs	222					
Benign neoplasm of kidney and other urinary organs	223					
Benign neoplasm of eye	224					
Benign neoplasm of brain and other parts of nervous system	225	13	0.4	11	2	
Benign neoplasm of thyroid gland	226					
Benign neoplasm of other endocrine glands and related structures	227	5	0.2	4	1	
Haemangioma and lymphangioma, any site	228	1		1		
Benign neoplasm of other and unspecified sites	229					
BENIGN NEOPLASMS	210 - 229	24	0.7	20	3	1
Carcinoma in situ of digestive organs	230					
Carcinoma in situ of respiratory system	231					
Carcinoma in situ of skin	232					
Carcinoma in situ of breast and genitourinary system	233					
Carcinoma in situ of other and unspecified sites	234					
CARCINOMA IN SITU	230 - 234					
Neoplasm of uncertain behaviour of digestiv and respiratory systems	235	1		1		
Neoplasm of uncertain behaviour of genitourinary organs	236					
Neoplasm of uncertain behaviour of endocrin glands and nervous system	237					
Neoplasm of uncertain behaviour and other and unspecified sites and tissues	238	17	0.5	16	1	
NEOPLASMS OF UNCERTAIN BEHAVIOR	235 - 238	18	0.6	17	1	
Neoplasm of unspecified nature	239	47	1.4	44	3	
NEOPLASMS OF UNSPECIFIED NATURE	239 - 239	47	1.4	44	3	
NEOPLASM	140 - 239	6,439	198.6	5,831	426	182
Simple and unspecified goitre	240	1		1		
Nontoxic nodular goitre	241	1		1		
Thyrotoxicosis with or without goitre	242	4	0.1	3		1
Congenital hypothyroidism	243					
Acquired hypothyroidism	244	1		1		
Thyroiditis	245					
Other disorders of thyroid	246					
DISORDERS OF THYROID GLAND	240 - 246	7	0.2	6		1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Diabetes millitus	250	540	16.7	436	57	47
Other disorders of pancreatic internal secretion	251	1				1
Disorders of parathyroid gland	252					
Disorders of the pituitary gland and its hypothalamic control	253	3	0.1	3		
Diseases of thymus gland	254	1		1		
Disorders of adrenal glands	255	4	0.1	4		
Ovarian dysfunction	256					
Testicular dysfunction	257					
Polyglandular dysfunction and related disorders	258					
Other endocrine disorders	259	4	0.1	3		1
DISEASES OF OTHER ENDOCRINE GLANDS	250 - 259	553	17.1	447	57	49
Kwashiorkor	260	1		1		
Nutritional marasmus	261	2	0.1	2		
Other severe protein-calorie malnutrition	262	1		1		
Other and unspecified protein-calorie malnutrition	263	38	1.2	33	4	1
Vitamin A deficiency	264					
Thiamine and niacin deficiency states	265	1			1	
Deficiency of B-complex components	266					
Ascorbic acid deficiency	267					
Vitamin D deficiency	268					
Other nutritional deficiencies	269	1		1		
NUTRITIONAL DEFICIENCIES	260 - 269	44	1.4	38	5	1
Disorders of amino-acid transport and metabolism	270	2	0.1	2		
Disorders of carbohydrate transport and metabolism	271					
Disorders of lipoid metabolism	272	12	0.4	12		
Disorders of plasma protein metabolism	273	2	0.1	2		
Gout	274					
Disorders of mineral metabolism	275	5	0.2	4	1	
Disorders of fluid, electrolyte and acid-base balance	276	64	2.0	59	2	3
Other and unspecified disorders of metabolism	277	20	0.6	17	2	1
Obesity and other hyperalimentation	278	12	0.4	10	2	
Disorders involving the immune mechanism	279	7	0.2	6	1	
OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	270 - 279	124	3.8	112	8	4
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS	240 - 279	728	22.5	603	70	55
Iron deficiency anaemias	280	1		1		
Other deficiency anaemias	281	4	0.1	4		
Hereditary haemolytic anaemias	282	4	0.1	2	2	

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Acquired haemolytic anaemias	283	3	0.1	2	1	
Aplastic anaemia	284	18	0.6	16	2	
Other and unspecified anaemias	285	16	0.5	14	1	1
Coagulation defects	286	24	0.7	20	3	1
Purpura and other haemorrhagic conditions	287	11	0.3	11		
Diseases of white blood cells	288	3	0.1	3		
Other diseases of blood and blood-forming organs	289	29	0.9	28		1
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280 - 289	113	3.5	101	9	3
Senile and presenile organic psychotic conditions	290	72	2.2	71	1	
Alcoholic psychoses	291	5	0.2	3	2	
Drug psychoses	292					
Transient organic psychotic conditions	293					
Other organic psychotic conditions (chronic	294					
ORGANIC PSYCHOTIC CONDITIONS	290 - 294	77	2.4	74	3	
Schizophrenic psychoses	295	2	0.1	2		
Affective psychoses	296	3	0.1	3		
Paranoid states	297					
Other nonorganic psychoses	298	33	1.0	30	3	
Psychoses with origin specific to childhood	299	1		1		
OTHER PSYCHOSES	295 - 299	39	1.2	36	3	
Neurotic disorders	300					
Personality disorders	301					
Sexual deviations and disorders	302					
Alcohol dependence syndrome	303	69	2.1	54	7	8
Drug dependence	304	1		1		
Nondependent abuse of drugs	305	17	0.5	16		1
Physiological malfunction arising from mental factors	306					
Special symptoms or syndroms not elsewhere classified	307					
Acute reaction to stress	308					
Adjustment reaction	309					
Specific nonpsychotic mental disorders wher following organic brain damage	310	69	2.1	69		
Depressive disorder, not elsewhere classified	311	2	0.1	2		
Disturbance of conduct not elsewhere classified	312					
Disturbance of emotions specific to childhood and adolescence	313					
Hyperkinetic syndrome of childhood	314					
Specific delays in development	315					
Psychic factors associated with diseases classified elsewhere	316					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
NEUROTIC DISORDERS, PERSONALITY DISORDERS AND OTHER NONPSYCHOTIC MENTAL DISORDERS	300 - 316	158	4.9	142	7	9
Mild mental retardation	317					
Other specified mental retardation	318	2	0.1	2		
Unspecified mental retardation	319	4	0.1	3		1
MENTAL RETARDATION	317 - 319	6	0.2	5		1
MENTAL DISORDERS	290 - 319	393	12.1	358	22	13
Bacterial meningitis	320	10	0.3	9	1	
Meningitis due to other organism	321					
Meningitis of unspecified cause	322	1		1		
Encephalitis, myelitis and encephalomyelitis	323	6	0.2	5	1	
Intracranial and intraspinal abscess	324					
Phlebitis and thrombophlebitis of intracranial venous sinuses	325					
Late effects of intracranial abscess or pyogenic infection	326					
INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	320 - 326	17	0.5	15	2	
Cerebral degeneration usually manifest in childhood	330	2	0.1	2		
Other cerebral degenerations	331	197	6.1	192	3	2
Parkinson's disease	332	86	2.7	84	2	
Other extrapyramidal disease and abnormal movement disorders	333	6	0.2	6		
Spinocerebellar disease	334	2	0.1	2		
Anterior horn cell disease	335	33	1.0	30	2	1
Other diseases of spinal cord	336	3	0.1	3		
Disorders of the autonomic nervous system	337					
HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	330 - 337	329	10.1	319	7	3
Multiple sclerosis	340	9	0.3	9		
Other demyelinating diseases of central nervous system	341	2	0.1	2		
Hemiplegia	342	1			1	
Infantile cerebral palsy	343	6	0.2	6		
Other paralytic syndromes	344	7	0.2	7		
Epilepsy	345	10	0.3	8	2	
Migraine	346					
Cataplexy and narcolepsy	347	1		1		
Other conditions of brain	348	39	1.2	34	4	1
Other and unspecified disorders of the nervous system	349	3	0.1	3		
OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	340 - 349	78	2.4	70	7	1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Trigeminal nerve disorders	350					
Facial nerve disorders	351					
Disorders of other cranial nerves	352					
Nerve root and plexus disorders	353	1				1
Mononeuritis of upper limb and mononeuritis multiplex	354	1			1	
Mononeuritis of lower limb	355					
Hereditary and idiopathic peripheral neuropathy	356	7	0.2	6		1
Inflammatory and toxic neuropathy	357	4	0.1	4		
Myoneural disorders	358	6	0.2	6		
Muscular dystrophies and other myopathies	359	13	0.4	12	1	
DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350 - 359	32	1.0	28	2	2
Disorders of the globe	360					
Retinal detachments and defects	361					
Other retinal disorders	362					
Chorioretinal inflammations and scars and other disorders of choroid	363					
Disorders of iris and ciliary body	364					
Glaucoma	365					
Cataract	366					
Disorders of refraction and accommodation	367					
Visual disturbances	368					
Blindness and low vision	369					
Keratitis	370					
Corneal opacity and other disorders of cornea	371					
Disorders of conjuctiva	372					
Inflammation of eyelids	373					
Other disorders of eyelids	374					
Disorders of lacrimal system	375					
Disorders of the orbit	376					
Disorders of optic nerve and visiual pathways	377					
Strabismus and other disorders of binocular eye movements	378					
Other disorders of eye	379					
DISORDERS OF THE EYE AND ADNEXA	360 - 379					
Disorders of external ear	380					
Nonsuppurative otitis media and Eustachian tube disorders	381					
Suppurative and unspecified otitis media	382	1		1		
Mastoiditis and related conditions	383					
Other disorders of tympanic membrane	384					
Other disorders of middle ear and mastoid	385					
Vertiginous syndromes and other disorders of vestibular system	386					
Otosclerosis	387					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Other disorders of ear	388					
Deafness	389					
DISEASES OF THE EAR AND MASTOID PROCESS	380 - 389	1		1		
DISEASES OF THER NERVOUS SYSTEM AND SENSE ORGANS	320 - 389	457	14.1	433	18	6
Rheumatic fever without mention of heart involvement	390	1		1		
Rheumatic fever with heart involvement	391	1		1		
Rheumatic chorea	392					
ACUTE RHEUMATIC FEVER	390 - 392	2	0.1	2		
Chronic rheumatic pericarditis	393					
Diseases of mitral valve	394	20	0.6	17	3	
Diseases of aortic valve	395	1		1		
Diseases of mitral and aortic valves	396	14	0.4	14		
Diseases of other endocardial structures	397	4	0.1	3	1	
Other rheumatic heart disease	398	12	0.4	11	1	
CHRONIC RHEUMATIC HEART DISEASE	393 - 398	51	1.6	46	5	
Essential hypertension	401	49	1.5	40	7	2
Hypertensive heart disease	402	155	4.8	127	21	7
Hypertensive renal disease	403	43	1.3	34	9	
Hypertensive heart and renal disease	404	10	0.3	9	1	
Secondary hypertension	405					
HYPERTENSIVE DISEASE	401 - 405	257	7.9	210	38	9
Acute myocardial infarction	410	3,823	117.9	3,471	212	140
Other acute and subacute form of ischaemic heart disease	411	629	19.4	572	46	11
Old myocardial infarction	412	9	0.3	9		
Angina pectoris	413	6	0.2	6		
Other forms of chronic ischaemic heart disease	414	3,124	96.4	2,896	152	76
ISCHAEMIC HEART DISEASE	410 - 414	7,591	234.1	6,954	410	227
Acute pulmonary heart disease	415	164	5.1	142	14	8
Chronic pulmonary heart disease	416	23	0.7	21	1	1
Other diseases of pulmonary circulation	417	1		1		
DISEASES OF PULMONARY CIRCULATION	415 - 417	188	5.8	164	15	9
Acute pericarditis	420					
Acute and subacute endocarditis	421	10	0.3	10		
Acute myocarditis	422	1		1		
Other diseases of pericardium	423	3	0.1	3		
Other diseases of endocardium	424	131	4.0	121	6	4
Cardiomyopathy	425	264	8.1	214	39	11
Conduction disorders	426	12	0.4	11		1
Cardiac dysrhythmias	427	834	25.7	733	62	39
Heart failure	428	837	25.8	768	46	23

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Ill-defined descriptions and complications of heart disease	429	816	25.2	749	46	21
OTHER FORMS OF HEART DISEASE	420 - 429	2,908	89.7	2,610	199	99
Subarachnoid haemorrhage	430	98	3.0	87	7	4
Intracerebral haemorrhage	431	195	6.0	169	18	8
Other and unspecified intracranial haemorrhage	432	32	1.0	26	6	
Occlusion and stenosis of precerebral arteries	433	11	0.3	9	1	1
Occlusion of cerebral arteries	434	226	7.0	211	10	5
Transient cerebral ischaemia	435	5	0.2	5		
Acute but ill-defined cerebrovascular disease	436	1,637	50.5	1,480	111	46
Other and ill-defined cerebrovascular disease	437	89	2.7	84	2	3
Late effects of cerebrovascular disease	438	17	0.5	15	1	1
CEREBROVASCULAR DISEASE	430 - 438	2,310	71.3	2,086	156	68
Atherosclerosis	440	401	12.4	362	27	12
Aortic aneurysm	441	216	6.7	205	6	5
Other aneurysm	442	5	0.2	5		
Other peripheral vascular disease	443	27	0.8	23	2	2
Arterial embolism and thrombosis	444	25	0.8	24		1
Polyarteritis nodosa and allied conditions	446	9	0.3	8	1	
Other disorders of arteries and arterioles	447	25	0.8	23	1	1
Disorders of capillaries	448					
DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	440 - 448	708	21.8	650	37	21
Phlebitis and thrombophlebitis	451	14	0.4	13	1	
Portal vein thrombosis	452					
Other venous embolism and thrombosis	453	3	0.1	2	1	
Varicose veins of lower extremities	454	2	0.1	2		
Haemorrhoids	455					
Varicose veins of other sites	456	8	0.2	8		
Noninfective disorders of lymphatic channels	457					
Hypotension	458	10	0.3	9	1	
Other disorders of circulatory system	459	10	0.3	9		1
DISEASES OF VEINS AND LYMPHATICS, AND OTHER DISEASES OF CIRCULATORY SYSTEM	451 - 459	47	1.4	43	3	1
DISEASES OF THE CIRCULATORY SYSTEM	390 - 459	14,062	433.7	12,765	863	434
Acute nasopharyngitis (common cold)	460					
Acute sinusitis	461					
Acute pharyngitis	462	1		1		
Acute tonsillitis	463					
Acute laryngitis and tracheitis	464					
Acute upper respiratory infections of	465	5	0.2	5		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
multiple or unspecified sites						
Acute bronchitis and bronchiolitis	466	6	0.2	6		
ACUTE RESPIRATORY INFECTIONS	460 - 466	12	0.4	12		
Deflected nasal septum	470					
Nasal polyps	471					
Chronic pharyngitis and nasopharyngitis	472					
Chronic sinusitis	473					
Chronic disease of tonsils and adenoids	474					
Peritonsillar abscess	475					
Chronic laryngitis and laryngotracheitis	476					
Allergic rhinitis	477					
Other diseases of upper respiratory tract	478	1		1		
OTHER DISEASES OF UPPER RESPIRATORY TRACT	470 - 478	1		1		
Viral pneumonia	480	8	0.2	8		
Pneumococcal pneumonia	481	23	0.7	20		3
Other bacterial pneumonia	482	77	2.4	71	2	4
Pneumonia due to other specified organism	483	2	0.1	1		1
Pneumonia in infectious diseases classified elsewhere	484					
Bronchopneumonia, organism unspecified	485	73	2.3	69	2	2
Pneumonia, organism unspecified	486	943	29.1	878	32	33
Influenza	487	37	1.1	36		1
PNEUMONIA AND INFLUENZA	480 - 487	1,163	35.9	1,083	36	44
Bronchitis, not specified as acute or chronic	490	3	0.1	3		
Chronic bronchitis	491	26	0.8	23	2	1
Emphysema	492	239	7.4	227	9	3
Asthma	493	62	1.9	51	5	6
Bronchiectasis	494	12	0.4	10	1	1
Extrinsic allergic alveolitis	495	1		1		
Chronic airways obstruction, not elsewhere classified	496	875	27.0	836	23	16
CHRONIC OBSTRUCTIVE PLUMONARY DISEASE AND ALLIED CONDITIONS	490 - 496	1,218	37.6	1,151	40	27
Coalworker's pneumoconiosis	500	2	0.1	2		
Asbestosis	501	1		1		
Pneumoconiosis due to other silica or silicates	502					
Pneumoconiosis due to other inorganic dust	503					
Pneumopathy due to inhalation of other dust	504					
Pneumoconiosis, unspecified	505	3	0.1	3		
Respiratory conditions due to chemical fumes and vapours	506					
Pneumonitis due to solids and liquids	507	116	3.6	107	6	3
Respiratory conditions due to other and unspecified external agents	508					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	500 - 508	122	3.8	113	6	3
Empyema	510	4	0.1	3	1	
Pleurisy	511	5	0.2	4	1	
Pneumothorax	512	6	0.2	5	1	
Abscess of lung and mediastinum	513	6	0.2	4	2	
Pulmonary congestion and hypostasis	514	4	0.1	3		1
Postinflammatory pulmonary fibrosis	515	61	1.9	56		5
Other alveolar and parietoalveolar pneumopathy	516	13	0.4	13		
Lung involvement in conditions classified elsewhere	517					
Other diseases of lung	518	76	2.3	68	3	5
Other diseases of respiratory system	519	10	0.3	8	2	
OTHER DISEASES OF RESPIRATORY SYSTEM	510 - 519	185	5.7	164	10	11
DISEASES OF THE RESPIRATORY SYSTEM	460 - 519	2,701	83.3	2,524	92	85
Disorders of tooth development and eruption	520					
Diseases of hard tissues of teeth	521					
Diseases of pulp and periapical tissues	522					
Gingival and periodontal diseases	523					
Dentofacial anomalies, including malocclusion	524					
Other diseases and conditions of the teeth and supporting structures	525					
Diseases of the jaws	526					
Diseases of the salivary glands	527					
Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue	528 528					
Diseases and other conditions of the tongue	529					
DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	520 - 529					
Diseases of oesophagus	530	25	0.8	21	4	
Gastric ulcer	531	26	0.8	23	3	
Duodenal ulcer	532	31	1.0	29	2	
Peptic ulcer, site unspecified	533	21	0.6	20	1	
Gastrojejunal ulcer	534	3	0.1	3		
Gastritis and duodenitis	535	10	0.3	9		1
Disorders of function of stomach	536	5	0.2	5		
Other disorders of stomach and duodenum	537	9	0.3	9		
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	530 - 537	130	4.0	119	10	1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Acute appendicitis	540	3	0.1	2	1	
Appendicitis, unqualified	541					
Other appendicitis	542					
Other diseases of appendix	543					
APPENDICITIS	540 - 543	3	0.1	2	1	
Inguinal hernia	550	2	0.1	2		
Other hernia of abdominal cavity, with gangrene	551	1		1		
Other hernia of abdominal cavity, with obstruction without mention of gangrene	552	4	0.1	4		
Other hernia of abdominal cavity without mention of obstruction or gangrene	553	4	0.1	4		
HERNIA OF ABDOMINAL CAVITY	550 - 553	11	0.3	11		
Regional enteritis	555	5	0.2	5		
Idiopathic proctocolitis	556	4	0.1	4		
Vascular insufficiency of intestine	557	111	3.4	100	8	3
Other noninfective gastroenteritis and colitis	558	14	0.4	13		1
NONINFECTIVE ENTERITIS AND COLITIS	555 - 558	134	4.1	122	8	4
Intestinal obstruction without mention of hernia	560	65	2.0	56	6	3
Diverticula of intestine	562	36	1.1	36		
Functional digestive disorders, not elsewhere classified	564	1		1		
Anal fissure and fistula	565					
Abscess of anal and rectal regions	566	2	0.1	2		
Peritonitis	567	9	0.3	8		1
Other disorders of peritoneum	568					
Other disorders of intestine	569	25	0.8	22	2	1
OTHER DISEASES OF INTESTINES AND PERTONEUM	560 - 569	138	4.3	125	8	5
Acute and subacute necrosis of liver	570	9	0.3	7	1	1
Chronic liver disease and cirrhosis	571	286	8.8	229	29	28
Liver abscess and sequelae of chronic liver disease	572	66	2.0	57	7	2
Other disorders of liver	573	12	0.4	10	2	
Cholelithiasis	574	17	0.5	14		3
Other disorders of gallbladder	575	27	0.8	26		1
Other disorders of biliary tract	576	11	0.3	10		1
Diseases of pancreas	577	37	1.1	30	5	2
Gastrointestinal haemorrhage	578	93	2.9	87	3	3
Intestinal malabsorption	579	1		1		
OTHER DISEASES OF DIGESTIVE SYSTEM	570 - 579	559	17.2	471	47	41

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
DISEASES OF THE DIGESTIVE SYSTEM	520 - 579	975	30.1	850	74	51
Acute glomerulonephritis	580	2	0.1	2		
Nephrotic syndrome	581	5	0.2	5		
Chronic glomerulonephritis	582	19	0.6	18		1
Nephritis and nephropathy, not specified as acute or chronic	583	6	0.2	4	1	1
Acute renal failure	584	68	2.1	62	6	
Chronic renal failure	585	80	2.5	62	14	4
Renal failure, unspecified	586	231	7.1	194	19	18
Renal sclerosis, uncpecified	587	2	0.1	2		
Disorders resulting from impaired renal function	588	2	0.1	1		1
Small kidney of unknown cause	589					
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	580 - 589	415	12.8	350	40	25
Infections of kidney	590	57	1.8	53	2	2
Hydronephrosis	591					
Calculus of kidney and ureter	592	2	0.1	2		
Other disorders of kidney and ureter	593	35	1.1	26	4	5
Calculus of lower urinary tract	594					
Cystitis	595	2	0.1	2		
Other disorders of bladder	596	3	0.1	3		
Urethritis, not sexually transmitted, and urethral syndrome	597					
Urethral stricture	598					
Other disorders of urethra and urinary tract	599	162	5.0	145	13	4
OTHER DISEASES OF URINARY SYSTEM	590 - 599	261	8.1	231	19	11
Hyperplasia of prostate	600	5	0.2	5		
Inflammatory diseases of prostate	601					
Other disorders of prostate	602	2	0.1	2		
Hydrocele	603					
Orchitis and epididymitis	604					
Redundant prepuce and phimosis	605					
Infertility, male	606					
Disorders of penis	607					
Other disorders of male genital organs	608					
DISEASES OF MALE GENITAL ORGANS	600 - 608	7	0.2	7		
Benign mammary dysplasias	610					
Other disorders of breast	611					
DISORDERS OF THE BREAST	610 - 611					
Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue and peritoneum	614					
Inflammatory disease of uterus, except	615					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
cervix						
Inflammatory disease of cervix, vagina and vulva	616					
INFLAMMATORY DISEASE OFF FEMALE PELVIC ORGANS	614 - 616					
Endometriosis	617					
Genital prolapse	618	1		1		
Fistulae involving female genital tract	619					
Noninflammatory disorders of ovary, fallopian tube and broad ligament	620					
Disorders of uterus, not elsewhere classified.	621					
Noninflammatory disorders of cervix	622	1		1		
Noninflammatory disorders of vagina	623					
Noninflammatory disorders of vulva and perineum	624					
Pain and other symtoms associated with female genital organs	625					
Disorders of menstruation and other abnormal bleeding from female genital tract	626					
Menopausal and postmenopausal disorders	627					
Infertility, female	628					
Other disorders of female genital organs	629					
OTHER DISORDERS OF FEMALE GENITAL TRACT	617 - 629	2	0.1	2		
DISEASES OF THE GENITOURINARY SYSTEM	580 - 629	685	21.1	590	59	36
Hydatidiform mole	630					
Other abnormal product of conception	631					
Missed abortion	632					
Ectopic pregnancy	633					
Spontaneous abortion	634					
Legally induced abortion	635					
Illegally induced abortion	636					
Unspecified abortion	637					
Failed attempted abortion	638					
Complications following abortion and ectopic and molar pregnancies	639					
PREGNANCY WITH ABORTIVE OUTCOME	630 - 639					
Haemorrhage in early pregnancy	640					
Antepartum haemorrhage, abruptio placentae, and placenta previa	641	1			1	
Hypertension complicating pregnancy, childbirth and the puerperium	642					
Excessive vomiting in pregnancy	643					
Early or threatened labour	644					
Prolonged pregnancy	645					
Other complications of pregnancy, not	646	1			1	

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
elsewhere classified.						
Infective and parasitic conditions in the mother clasifiable elsewhere but complicating pregnancy, childbirth and the puerperium	647					
Other current conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	648					
COMPLICATIONS MAINLY RELATED TO PREGNANCY	640 - 648	2	0.1		2	
Delivery in a completely normal case	650					
Multiple gestation	651					
Malposition and malpresentation of fetus	652					
Disproportion	653					
Abnormality of organs and soft tissues of pelvis	654					
Known or suspected fetal abnormality affecting management of mother	655					
Other fetal and placental problems affecting management of mother	656					
Polyhydramnios	657					
Other problems associated with amniotic cavity and membranes	658					
Other indications for care or intervention related to labour and delivery and not elsewhere classified	659					
NORMAL DELIVERY, AND OTHER INDICATIONS FOR CARE IN PREGNANCY, LABOUR AND DELIVERY	650 - 659					
Obstructed labour	660					
Abnormality of forces of labour	661					
Long labour	662					
Umbilical cord complications	663					
Trauma to perineum and vulva during delivery	664					
Other obstetrical trauma	665					
Postpartum haemorrhage	666					
Retained placenta or membranes, without haemorrhage	667					
Complications of the administration of anaesthetic or other sedation in labour and delivery	668					
Other complications of labour and delivery, not elsewhere classified	669					
COMPLICATIONS OCCURRING MAINLY IN THE COURSE OF LABOUR AND DELIVERY	660 - 669					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Major puerperal infection	670					
Venous complications in pregnancy and the puerperium	671					
Pyrexia of unknown origin during the puerperium	672					
Obstetrical pulmonary embolism	673	2	0.1	1	1	
Other and unspecified complication of the puerperium, not elsewhere classified	674	3	0.1	2		1
Infections of the breast and nipple associated with childbirth	675					
Other disorders of the breast associated with childbirth, and disorders of lactation	676					
COMPLICATIONS OF THE PUERPERIUM	670 - 676	5	0.2	3	1	1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630 - 676	7	0.2	3	3	1
Carbuncle and furuncle	680					
Cellulitis and abscess of finger and toe	681					
Other cellulitis and abscess	682	6	0.2	6		
Acute lymphadenitis	683					
Impetigo	684					
Pilonidal cyst	685					
Other local infections of skin and subcutaneous tissue	686					
INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	680 - 686	6	0.2	6		
Erythematosquamous dermatosis	690					
Atopic dermatitis and related conditions	691					
Contact dermatitis and other eczema	692					
Dermatitis due to taken internally substances	693	1		1		
Bullous dermatoses	694					
Erythematous conditions	695	2	0.1	2		
Psoriasis and similar disorders	696					
Lichen	697	1		1		
Pruritus and related conditions	698					
OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	690 - 698	4	0.1	4		
Corns and callosities	700					
Other hypertrophic and atrophic conditions of skin	701					
Other dermatoses	702					
Diseases of nail	703					
Diseases of hair and hair follicles	704					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Disorders of sweat glands	705					
Diseases of sebaceous glands	706					
Chronic ulcer of skin	707	42	1.3	35	5	2
Urticaria	708					
Other disorders of skin and subcutaneous tissue	709					
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700 - 709	42	1.3	35	5	2
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680 - 709	52	1.6	45	5	2
Diffuse diseases of connective tissue	710	27	0.8	19	5	3
Arthropathy associated with infections	711					
Crystal arthropathies	712					
Arthropathy associated with other disorders classified elsewhere classified	713					
Rheumatoid arthritis and other inflammatory polyarthropathies	714	20	0.6	16	1	3
Osteoarthrosis and allied disorders	715	3	0.1	3		
Other and unspecified arthropathies	716	2	0.1	2		
Internal derangement of knee	717					
Other derangement of joint	718	1			1	
Other and unspecified disorder of joint	719	2	0.1	2		
ARTHROPATHIES AND RELATED DISORDERS	710 - 719	55	1.7	42	7	6
Ankylosing spondylitis and other inflammatory spondylopathies	720	2	0.1	2		
Spondylosis and allied disorders	721	1		1		
Intervertebral disc disorders	722					
Other disorders of cervical region	723					
Other and unspecified disorders of back	724					
DORSOPATHIES	720 - 724	3	0.1	3		
Polymyalgia rheumatica	725					
Peripheral enthesopathies and allied syndromes	726					
Other disorders of synovium, tendon and bursa	727					
Disorders of muscle, ligament and fascia	728	2	0.1	2		
Other disorders of soft tissues	729	1		1		
RHEUMATISM, EXCLUDING THE BACK	725 - 729	3	0.1	3		
Osteomyelitis, periostitis and other infections involving bone	730	7	0.2	2	5	
Osteitis demormans and osteopathies associated with other disorders classified elsewhere	731					
Osteochondropathies	732					
Other disorders of bone and cartilage	733	3	0.1	3		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Flat foot	734					
Acquired deformities of toe	735					
Other acquired deformities of limbs	736					
Curvature of spine	737	3	0.1	3		
Other acquired deformity	738					
Nonallopathic lesions, not elsewhere classified	739					
OSTEOPATHIES, CHONDROPATHIES AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	730 - 739	13	0.4	8	5	
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710 - 739	74	2.3	56	12	6
Anencephalus and similar anomalies	740	8	0.2	6	2	
Spina bifida	741	1		1		
Other congenital anomalies of nervous system	742	12	0.4	11	1	
Congenital anomalies of eye	743					
Congenital anomalies of ear, face and neck	744					
Bulbus cordis anomalies and anomalies of cardiac septal closure	745	18	0.6	15	2	1
Other congenital anomalies of heart	746	48	1.5	42	6	
Other congenital anomalies of circulatory system	747	13	0.4	10	2	1
Congenital anomalies of respiratory system	748	16	0.5	12	1	3
Cleft palate and cleft lip	749					
Other congenital anomalies of upper alimentary tract	750	1		1		
Other congenital anomalies of digestive system	751	1		1		
Congenital anomalies of genital organs	752					
Congenital anomalies of urinary system	753	17	0.5	14	2	1
Certain congenital musculoskeletal deformities	754					
Other congenital anomalies of limbs	755	2	0.1	2		
Other congenital musculoskeletal anomalies	756	8	0.2	7		1
Congenital anomalies of the integument	757					
Chromosomal anomalies	758	14	0.4	13		1
Other and unspecified congenital anomalies	759	13	0.4	12	1	
CONGENITAL ANOMALIES	740 - 759	172	5.3	147	17	8
Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	760	2	0.1		1	1
Fetus or newborn affected by maternal complications of pregnancy	761	3	0.1	3		
Fetus or newborn affected by complications of placenta, cord and membranes	762	14	0.4	10	4	
Fetus or newborn affected by other	763	1		1		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
complications of labour and delivery						
Slow fetal growth and fetal malnutrition	764					
Disorders relating to short gestation and unspecified low birthweight	765	18	0.6	15	3	
Disorders relating to long gestation and high birthweight	766					
Birth trauma	767	3	0.1	2		1
Intrauterine hypoxia and birth asphyxia	768	9	0.3	7	2	
Respiratory distress syndrome	769	30	0.9	25	3	2
Other respiratory conditions of fetus and newborn	770	31	1.0	26	5	
Infections specific to the perinatal period	771	11	0.3	7	2	2
Fetal and neonatal haemorrhage	772	4	0.1	3	1	
Haemolytic disease of fetus or newborn, due to isoimmunization	773	1		1		
Other perinatal jaundice	774	1			1	
Endocrine and metabolic disturbances specific to the fetus and newborn	775	1		1		
Haematological disorders of fetus and newborn	776	1				1
Perinatal disorders of fetus and newborn	777	1		1		
Conditions involving the integument and temperature regulation of fetus and newborn	778	1		1		
Other and ill-defined conditions originating in the perinatal period	779	23	0.7	13	6	4
CERTAIN CONDITIONS ORGINATING IN THE PERINATAL PERIOD	760 - 779	155	4.8	116	28	11
General symptoms	780	4	0.1	2		2
Symptoms involving nervous and musculoskeletal systems	781	1		1		
Symptoms involving skin and other integumentary tissue	782					
Symptoms concerning nutrition, metabolism and development	783					
Symptoms involving head and neck	784					
Symptoms involving cardiovascular system	785	20	0.6	18	1	1
Symptoms involving respiratory system and other chest symptoms	786	1		1		
Symptoms involving digestive system	787	1		1		
Symptoms involving urinary system	788					
Other symptoms involving abdomen and pelvis	789	1		1		
SYMPTOMS	780 - 789	28	0.9	24	1	3
Nonspecific findings on examination of blood	790					
Nonspecific findings on examination of urine	791					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Nonspecific abnormal findings in other body substances	792					
Nonspecific abnormal findings on radiological and other examination of body structure	793					
Nonspecific abnormal results of function studies	794					
Nonspecific abnormal histological and immunological findings	795					
Other nonspecific abnormal findings	796					
NONSPECIFIC ABNORMAL FINDINGS	790 - 796					
Senility without mention of psychosis	797	16	0.5	14	1	1
Sudden death, cause unknown	798	88	2.7	67	14	7
Other ill-defined and unknown causes of morbidity and mortality	799	154	4.8	132	12	10
ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	797 - 799	258	8.0	213	27	18
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780 - 799	613	18.9	500	73	40
Railway accident involving collision with rolling stock	800					
Railway accident involving collision with other object	801					
Railway accident involving derailment without antecedent collision	802					
Railway accident involving explosion, fire or burning	803					
Fall in, on or from railway train	804					
Hit by rolling stock	805	5	0.2	2		3
Other specified railway accident	806					
Railway accident of unspecified nature	807	1		1		
RAILWAY ACCIDENTS	800 - 807	6	0.2	3		3
Motor vehicle traffic accident involving collision with train	810	12	0.4	12		
Motor vehicle traffic addident involving re-entrant collision with another motor vehicle	811	9	0.3	9		
Other motor vehicle traffic accident involving collision with another motor vehicle	812	271	8.4	241	10	20
Motor vehicle traffic accident involving collision with other vehicle	813	5	0.2	4	1	
Motor vehicle traffic accident involving collision with pedestrian	814	66	2.0	52	6	8
Other motor vehicle traffic accident involving collision on the highway	815	164	5.1	145	6	13
Motor vehicle traffic accident due to loss of control, without collision on	816	90	2.8	80	5	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
the highway						
Noncollision motor vehicle traffic accident while boarding or alighting	817	1		1		
Other noncollision motor vehicle traffic accident	818	6	0.2	3	3	
Motor vehicle traffic accident of unspecified nature	819	27	0.8	26		1
MOTOR VEHICLE TRAFFIC ACCIDENTS	810 - 819	651	20.1	573	31	47
Nontraffic accident involving motor-driven snow vehicle	820					
Nontraffic accident involving other off-road motor vehicle	821	3	0.1	3		
Other motor vehicle nontraffic accident involving collision with moving object	822	8	0.2	8		
Other motor vehicle nontraffic accident involving collision with stationary object	823					
Other motor vehicle nontraffic accident while boarding and alighting	824					
Other motor vehicle nontraffic accident of other and unspecified nature	825	6	0.2	6		
MOTOR VEHICLE NONTRAFFIC ACCIDENTS	820 - 825	17	0.5	17		
Pedal cycle accident	826	1		1		
Animal-drawn vehicle accident	827					
Accident involving animal being ridden	828	4	0.1	4		
Other road vehicle accidents	829					
OTHER ROAD VEHICLE ACCIDENTS	826 - 829	5	0.2	5		
Accident to watercraft causing submersion	830	8	0.2	7	1	
Accident to watercraft causing other injury	831	2	0.1	1		1
Other accidental submersion or drowning in water transport accident	832	3	0.1	3		
Fall on stairs or ladders in water transport	833					
Other fall from one level to another in water transport	834					
Other and unspecified fall in water transport	835					
Machinery accident in water transport	836					
Explosion, fire or burning in watercraft	837	3	0.1	3		
Other and unspecified water transport accident	838	1		1		
WATER TRANSPORT ACCIDENTS	830 - 838	17	0.5	15	1	1
Accident to powered aircraft at takeoff or landing	840					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Accident to powered aircraft, other and unspecified	841	12	0.4	12		
Accident to unpowered aircraft	842					
Fall in, on or from aircraft	843					
Other specified air transport accidents	844					
Accident involving spacecraft	845					
AIR AND SPACE TRANSPORT ACCIDENTS	840 - 845	12	0.4	12		
Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment	846	1		1		
Accidents involving cable cars not running on rails	847					
Accidents involving other vehicles not elsewhere classifiable	848					
VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	846 - 848	1		1		
Accidental poisoning by analgesics, antipyretics, antirheumatics	850	4	0.1	4		
Accidental poisoning by barbiturates	851					
Accidental poisoning by other sedatives and hypnotics	852					
Accidental poisoning by tranquillizers	853	1		1		
Accidental poisoning by other psychotropic agents	854	3	0.1	3		
Accidental poisoning by other drugs acting on central and autonomic nervous systems	855	6	0.2	6		
Accidental poisoning by antibiotics	856					
Accidental poisoning by anti-infectives	857					
Accidental poisoning by other drugs	858	8	0.2	7	1	
ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS	850 - 858	22	0.7	21	1	
Accidental poisoning by alcohol, not elsewhere classified	860	7	0.2	6		1
Accidental poisoning by cleansing and polishing agents, disinfectants, paints and varnishes	861					
Accidental poisoning by petroleum products, other solvents and their vapours, not elsewhere classified	862					
Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers	863					
Accidental poisoning by corrosives and caustics, not elsewhere classified	864					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Accidental poisoning from foodstuffs and poisonous plants	865					
Accidental poisoning by other and unspecified solid and liquid substances	866					
Accidental poisoning by gas distrivuted by pipeline	867	2	0.1	2		
Accidental poisoning by other utility gas and other carbon monoxide	868	8	0.2	8		
Accidental poisoning by other gases and vapours	869	8	0.2	6	2	
ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES AND VAPOURS	860 - 869	25	0.8	22	2	1
Accidental cut, puncture, perforation or haemorrhage during medical care	870	3	0.1	1	1	1
Foreign object left in body during procedure	871					
Failure of sterile precautions during procedure	872					
Failure in dosage	873					
Mechanical failure of instrument or apparatus during procedure	874	1				1
Contaminated or infected blood, other fluid, drug or biological substance	875	1		1		
Other and unspecified misadventures during medical care	876	1		1		
MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870 - 876	6	0.2	3	1	2
Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of operation	878	11	0.3	9	1	1
Other procedure, without mention of misadventure at the time of procedure, as the cause of adnormal reaction of patient, or of later complication	879	2	0.1	2		
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	878 - 879	13	0.4	11	1	1
Fall on or from stairs or steps	880	6	0.2	6		
Fall on or from ladders or scaffolding	881	8	0.2	6	1	1
Fall from or out of building or other structure	882	12	0.4	11	1	
Fall into hole or other opening in surface	883	1		1		
Other fall from one level to another	884	19	0.6	18		1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Fall on same level from slipping, tripping or stumbling	885	9	0.3	9		
Fall on same level from collision, pushing or shoving, by or with other person	886					
Fracture, cause unspecified	887	43	1.3	42		1
Other and unspecified fall	888	91	2.8	90	1	
ACCIDENTAL FALLS	880 - 888	189	5.8	183	3	3
Conflagration in private dwelling	890	69	2.1	61	6	2
Conflagration in other and unspecified building or structure	891	1		1		
Conflagration not in building or structure	892	1		1		
Accident caused by ignition of clothing	893	6	0.2	3	2	1
Ignition of highly inflammable material	894	1		1		
Accident caused by controlled fire in private dwelling	895	1		1		
Accident caused by controlled fire in other and unspecified building or structure	896					
Accident caused by controlled fire not in building or structure	897					
Accident caused by other specified fire and flames	898	2	0.1	2		
Accident caused by unspecified fire	899	6	0.2	6		
ACCIDENTS CAUSED BY FIRE AND FLAMES	890 - 899	87	2.7	76	8	3
Excessive heat	900	8	0.2	7		1
Excessive cold	901	15	0.5	10	4	1
High and low air pressure and changes in air pressure	902	1				1
Travel and motion	903					
Hunger, thirst, exposure, neglect	904	1		1		
Venomous animals and plants as the cause of poisoning and toxic reactions	905					
Other injury casued by animals	906	5	0.2	4	1	
Lightning	907	1		1		
Cataclysmic storms, and floods resulting from storms	908	3	0.1	2		1
Cataclysmic earth surface movements and eruptions	909					
ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900 - 909	34	1.0	25	5	4
Accidental drowning and submersion	910	68	2.1	59	5	4
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	22	0.7	18	2	2
Inhalation and ingestion of other object	912	49	1.5	44	1	4

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
causing obstruction of respiratory tract or suffocation						
Accidental mechanical suffocation	913	8	0.2	7		1
Foreign body accidentally entering eye and adnexa	914					
Foreign body accidentally entering other orifice	915					
ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	910 - 915	147	4.5	128	8	11
Struck accidentally by falling object	916	15	0.5	15		
Striking against or struck accidentally by objects or persons	917	5	0.2	5		
Caught accidentally in or between objects	918	1		1		
Accidents caused by machinery	919	21	0.6	20		1
Accidents caused by cutting and piercing instruments or objects	920					
Accident caused by explosion of pressure vessel	921					
Accident caused by firearm missile	922	27	0.8	24	1	2
Accident caused by explosive material	923	3	0.1	3		
Accident caused by hot substance or object, caustic or corrosive material and steam	924	2	0.1	1	1	
Accident caused by electric current	925	16	0.5	15		1
Exposure to radiation	926					
Overexertion and strenuous movements	927					
Other and unspecified environmental and accidental causes	928	28	0.9	24	2	2
OTHER ACCIDENTS	916 - 928	118	3.6	108	4	6
Late effects of accidental injury	929	18	0.6	17		1
LATE EFFECTS OF ACCIDENTAL INJURY	929 - 929	18	0.6	17		1
Antibiotics	930					
Other anti-infectives	931					
Hormones and synthetic substitutes	932					
Primarily systemic agents	933					
Agents primarily affecting blood constituents	934					
Analgesics, antipyretics and antirheumatics	935					
Anticonvulsants and anti-Parkinsonism drugs	936					
Sedatives and hypnotics	937					
Other central nervous system depressants	938	1		1		
Psychotropic agents	939					
Central nervous system stimulants	940					
Drugs primarily affecting the autonomic nervous system	941					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Agents primarily affecting the cardiovascular system	942	2	0.1	2		
Agents primarily affecting gastrointestinal system	943					
Water, mineral and uric acid metabolism drugs	944					
Agents primarily acting on the smooth and skeletal muscles and respiratory	945					
Agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological and dental drugs	946 946					
Other and unspecified drugs and medicaments	947					
Bacterial vaccines	948					
Other vaccines and biological substances	949					
DRUGS, MEDCATMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	930 - 949	3	0.1	3		
Suicide and selfinflicted poisoning by solid or liquid substances	950	31	1.0	29	1	1
Suicide and selfinflicted poisoning by gases in domestic use	951	1		1		
Suicide selfinflicted poisoning by other gases and vapours	952	32	1.0	32		
Suicide selfinflicted injury by hanging, strangulation and suffocation	953	41	1.3	40		1
Suicide and selfinflicted injury by submersion (drowning)	954	1		1		
Suicide and selfinflicted injury by firearms and explosives	955	314	9.7	294	13	7
Suicide and selfinflicted injury by cutting and piercing instruments	956	6	0.2	6		
Suicide and selfinflicted injuries by jumping from high place	957	1				1
Suicide and selfinflicted injury by other and unspecified means	958	8	0.2	7		1
Late effects of selfinflicted injury Flight, brawl, rape	959	1		1		
SUICIDE AND SELFINFLICTED INJURY	950 - 959	436	13.4	411	14	11
Assault by corrosive or caustic substance, except poisoning	961	1			1	
Assault by poisoning	962					
Assault by hanging and strangulation	963	8	0.2	6	1	1
Assault by submersion (drowning)	964	2	0.1	2		
Assault by firearms and explosives	965	130	4.0	86	37	7
Assault by cutting and piercing instruments	966	62	1.9	37	19	6

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Child battering and other maltreatment	967	5	0.2	3	2	
Assault by other and unspecified means	968	59	1.8	43	10	6
Late effects of injury purposely inflicted by other person	969	1		1		
HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	960 - 969	268	8.3	178	70	20
Injury due to legal intervention by firearms	970	3	0.1	2		1
Injury due to legal intervention by exploxives	971					
Injury due to legal intervention by gas	972					
Injury due to legal intervention by blunt object	973					
Injury due to legal intervention by cutting and piercing instruments	974					
Injury due to legal intervention by other specified means	975					
Injury due to legal intervention by unspecified means	976					
Late effects of injuries due to legal intervention	977					
Legal execution	978					
LEGAL INTERVENTION	970 - 978	3	0.1	2		1
Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted	980	13	0.4	10	3	
Poisoning by gases in domestic use, undetermined whether accidentally or purposely inflicted	981					
Poisoning by other gases, undetermined whether accidentally or purposely inflicted	982	2	0.1	1	1	
Hanging, strangulation or suffocation, undetermined whether accidentally or purposely inflicted	983	1		1		
Submersion (drowning), undetermined whether accidentally or purposely inflicted	984	1		1		
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted	985	9	0.3	9		
Injury by cutting and piercing instruments, undetermined whether accidentally or purposely inflicted	986					
Falling from high place, undetermined whether accidentally or purposely inflicted	987	1		1		
Injury by other and unspecified means,	988	10	0.3	8	1	1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1988

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
undetermined whether accidentally or purposely inflicted						
Late effects of injury, undetermined whether accidentally or purposely inflicted	989					
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	980 - 989	37	1.1	31	5	1
Injury due to war operations by fires and conflagrations	990					
Injury due to war operations by bullets and fragments	991					
Injury due to war operations by explosion of marine weapons	992					
Injury due to war operations by other explosion	993					
Injury due to war operations by destruction of aircraft	994					
Injury due to war operations by other and unspecified forms of conventional warfare	995					
Injury due to war operations by nuclear weapons	996					
Injury due to war operations by other forms of unconventional warfare	997					
Injury due to war operations but occurring after cessation of hostilities	998					
Late effects of injury due to war operations	999					
INJURY RESULTING FROM OPERATIONS OF WAR	990 - 999					
ALL CAUSES		29,766	918.1	26,804	1,912	1,050

TABLE XV
FETAL DEATHS BY ICDA, BY RACE
OKLAHOMA, 1988
PER 1000 LIVE BIRTHS

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Anencephalus and similar anomalies	740	5	0.1	5		
Spina bifida	741	2		2		
Other congenital anomalies of nervous system	742	5	0.1	5		
Congenital anomalies of eye	743					
Congenital anomalies of ear, face and neck	744					
Bulbus cordis anomalies and anomalies of cardiac septal closure	745					
Other congenital anomalies of heart	746	1		1		
Other congenital anomalies of circulatory system	747					
Congenital anomalies of respiratory system	748					
Cleft palate and cleft lip	749	3	0.1	3		
Other congenital anomalies of upper alimentary tract	750					
Other congenital anomalies of digestive system	751					
Congenital anomalies of genital organs	752					
Congenital anomalies of urinary system	753	1		1		
Certain congenital musculoskeletal deformities	754					
Other congenital anomalies of limbs	755					
Other congenital musculoskeletal anomalies	756					
Congenital anomalies of the integument	757					
Chromosomal anomalies	758	7	0.1	7		
Other and unspecified congenital anomalies	759	6	0.1	6		
CONGENITAL ANOMALIES	740 - 759	30	0.6	30		
Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	760	25	0.5	25		
Fetus or newborn affected by maternal complications of pregnancy	761	37	0.8	37		
Fetus or newborn affected by complications of placenta, cord and membranes	762	144	3.0	144		
Fetus or newborn affected by other complications of labour and delivery	763	3	0.1	3		
Slow fetal growth and fetal malnutrition	764					
Disorders relating to short gestation and unspecified low birthweight	765	7	0.1	7		
Disorders relating to long gestation and high birthweight	766					
Birth trauma	767					
Intrauterine hypoxia and birth asphyxia	768	26	0.5	26		
Respiratory distress syndrome	769					
Other respiratory conditions of fetus and newborn	770					
Infections specific to the perinatal period	771	1		1		
Fetal and neonatal haemorrhage	772	1		1		
Haemolytic disease of fetus or newborn, due to isoimmunization	773	3	0.1	3		
Other perinatal jaundice	774					
Endocrine and metabolic disturbances specific to the fetus and newborn	775	9	0.2	9		
Haematological disorders of fetus and newborn	776					
Perinatal disorders of fetus and newborn	777					
Conditions involving the integument and temperature regulation of fetus and newborn	778	1		1		
Other and ill-defined conditions originating in the perinatal period	779	73	1.5	73		
CERTAIN CONDITIONS ORGINATING IN THE PERINATAL PERIOD	760 - 779	330	7.0	330		
TOTAL CAUSES		360	7.6	360		

TABLE XVI

BIRTHS AND DEATHS OF OKLAHOMA RESIDENTS BY STATE OF OCCURRENCE AND BIRTHS AND DEATHS OF OUT-OF-STATE RESIDENCE OCCURRING IN OKLAHOMA BY STATE OF RESIDENCE, 1988

	OKLAHOMA OCCURRENCE FOR OUT-OF-STATE RESIDENTS		OUT-OF-STATE OCCURENCE OF OKLAHOMA RESIDENTS	
STATE	BIRTHS	DEATHS	BIRTHS	DEATHS
ALABAMA		2	1	3
ALASKA			1	2
ARIZONA		10		20
ARKANSAS	101	85	742	520
CALIFORNIA	9	32	6	31
COLORADO	7	9	4	26
CONNECTICUT	1	1	1	
DELAWARE				1
DISTRICT OF COLUMBIA		1		
FLORIDA	5	7		8
GEORGIA	3		2	8
HAWAII			1	6
IDAHO			1	
ILLINOIS	4	11		4
INDIANA		1		1
IOWA	1	2		3
KANSAS	205	135	209	141
KENTUCKY	1	1		3
LOUISIANA	3	6		7
MAINE		2	1	2
MARYLAND		2	2	3
MASSACHUSETTS		1	1	1
MICHIGAN	2	7	3	5
MINNESOTA		3	1	6
MISSISSIPPI		3	4	5
MISSOURI	55	51	95	103
MONTANA				3
NEBRASKA	1	1	1	4
NEVADA	2	1	3	7
NEW JERSEY	1	2	1	2
NEW MEXICO	3	11	5	25
NEW YORK	4	7		6
NORTH CAROLINA		1	1	5
NORTH DAKOTA	1		2	
OHIO	2	6		6
OREGON		5		1
PENNSYLVANIA	3	7	5	5
RHODE ISLAND			1	
SOUTH CAOLINA		2	1	
SOUTH DAKOTA	2	3		
TENNESSEE	7	1	5	9
TEXAS	200	154	400	325
UTAH				1
VIRGINIA		2		3
WASHINGTON		1		2
WEST VIRGINIA		2		
WISONSIN	1	6	1	4
WYOMING		7	4	1
OTHER COUNTRIES	2	9		
TOTAL	626	600	1,505	1,318

TABLE XVII
BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS, INFANT AND NEONATAL DEATHS
BY COUNTY OF RESIDENCE AND OCCURENCE INFANT AND NEONATAL DEATHS
OKLAHOMA, 1988

COUNTY	BIRTHS		STILLBIRTHS		DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.
UNKNOWN	1				15		1		1	
ADAIR	364	88	1		213	130	5	2	1	1
ALFALFA	74	18			102	67	1		1	
ATOKA	163	68	2	1	127	97	2		1	
BEAVER	77	32			49	40				
BECKHAM	284	329	3	5	255	266	3	1	3	1
BLAINE	167	115			199	163	1	1		
BRYAN	441	375	5	3	322	284	5	4	5	4
CADDO	492	87	1	1	394	234	4	1	2	
CANADIAN	1,077	102	4		411	212	5	1	4	
CARTER	606	805	2	2	508	500	4	2	3	1
CHEROKEE	484	1,303	5	9	333	321	7	6	2	1
CHOCTAW	234	181	4	1	219	146	4	1	2	
CIMARRON	44	53			38	35				
CLEVELAND	2,216	1,306	23	12	846	766	20	2	12	
COAL	74	6	1		83	67				
COMANCHE	2,261	2,720	20	22	710	782	17	10	8	2
COTTON	77	1	1		95	51	1	1		
CRAIG	200	95	1		222	185	4	1	3	
CREEK	854	93	7		541	392	6	1	1	
CUSTER	382	559	3	2	252	245	3		1	
DELAWARE	371	133	4	2	351	263	3	2	1	
DEWEY	70	32	2	1	89	63				
ELLIS	35	110			57	62				
GARFIELD	823	1,090	4	5	601	695	5	2	3	1
GARVIN	353	189	3	2	412	320	9	4	6	2
GRADY	580	628	6	5	402	356	1	2		1
GRANT	59	1			70	27				
GREER	76	57	1		117	85	2		2	
HARMON	51	2			60	38	4	2	2	
HARPER	43	31			54	43				
HASKELL	144	1	1		178	122	2		2	
HUGHES	143	1	1		188	142	2	1		
JACKSON	614	644	3	4	250	265	3	2	1	
JEFFERSON	81	12			114	73	1		1	
JOHNSTON	129	31	2		110	87				
KAY	655	631	8	3	526	494	2	1		
KINGFISHER	186	125	1	1	136	104				
KIOWA	166	119	2	1	184	148	3	1	2	
LATIMER	126	236		2	118	138	1	1		
LEFLORE	604	316	2	4	496	322	6	2	2	1
LINCOLN	360	62	3	2	310	179	4	2	2	
LOGAN	363	104	3	2	311	222	3	2	2	1
LOVE	112				76	55	1			
MCCLAIN	303	36	4		209	150	2	2		
MCCURTAIN	580	304	4	1	341	245	5	3	2	
MCINTOSH	171	3	1		223	149	2	1	2	1
MAJOR	110	29	1		83	63				
MARSHALL	117	56			140	123	2	2		
MAYES	507	155	2	1	341	239	4		3	
MURRAY	136	2	3		181	138	2	2		
MUSKOGEE	1,018	883	14	12	768	991	13	8	8	5
NOBLE	163	49	1	1	133	100				
NOWATA	110	19	1		134	87				
OKFUSKEE	142	41	1		163	80	2		1	
OKLAHOMA	10,146	13,354	76	109	5,227	6,933	106	192	71	135
OKMULGEE	533	475	6	5	438	361	4	3	1	
OSAGE	488	78	3	1	328	202	1		1	
OTTAWA	448	316	3	3	349	272	1		1	
PAWNEE	212	79	3		191	126	2	1	1	
PAYNE	756	941	3	5	458	397	2	1	1	1
PITTSBURG	502	611	1	2	512	455	5	3	3	2
PONTOTOC	459	1,339	1	8	346	405	5	3	3	1
POTTAWATOMIE	797	820	11	6	621	540	7	1	4	
PUSHMATAHA	149	125	1	1	142	116	1	1		1
ROGER MILLS	51	19	1		42	26				
ROGERS	762	1,347	3	5	435	356	6	1	6	1
SEMINOLE	364	92	3		338	234				
SEQUOYAH	478	84	5	2	341	194	8	3	4	
STEPHENS	531	477	3	2	441	392				
TEXAS	220	165	2		131	88	4	3	2	1
TILLMAN	181	74	1		133	100	1	1	1	1
TULSA	8,391	10,265	60	75	4,236	5,175	87	126	50	77
WAGONER	640	126	3	2	285	169	5		3	
WASHINGTON	603	822	6	7	459	499	3	4		1
WASHITA	140	8	4	1	139	69	1		1	
WOODS	98	65			136	114				
WOODWARD	257	250			178	175	2	1	1	
ENTIRE STATE	47,279	46,400	360	341	29,766	29,049	428	420	246	243

TABLE XVIII
MARRIAGES AND DIVORCES, BY COUNTY, NUMBER AND RATE PER 1000 POPULATION
OKLAHOMA, 1988

	MARRIAGES		DIVORCES		ANNULMENTS		DIVORCES & ANNULMENTS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
UNKNOWN				.0		.0		.0
ADAIR	117	5.7	117	5.7		.0	117	5.7
ALFALFA	41	6.4	24	3.8		.0	24	3.8
ATOKA	85	6.3	85	6.3	1	.1	86	6.4
BEAVER	38	5.5	33	4.8	1	.1	34	4.9
BECKHAM	171	8.7	123	6.2		.0	123	6.2
BLAINE	89	6.9	65	5.0		.0	65	5.0
BRYAN	682	20.6	264	8.0	4	.1	268	8.1
CADDO	211	6.6	143	4.5		.0	143	4.5
CANADIAN	490	6.6	482	6.5	4	.1	486	6.6
CARTER	583	12.8	296	6.5	2	.0	298	6.5
CHEROKEE	258	7.2	280	7.8	1	.0	281	7.8
CHOCTAW	285	17.2	117	7.0	2	.1	119	7.2
CIMARRON	22	5.4	18	4.4		.0	18	4.4
CLEVELAND	1,280	7.8	1,234	7.6	11	.1	1,245	7.6
COAL	44	7.3	33	5.5		.0	33	5.5
COMANCHE	1,357	11.4	998	8.4	9	.1	1,007	8.4
COTTON	43	6.2	34	4.9		.0	34	4.9
CRAIG	87	5.8	79	5.3		.0	79	5.3
CREEK	587	9.1	434	6.8	3	.0	437	6.8
CUSTER	255	9.1	165	5.9		.0	165	5.9
DELAWARE	125	4.3	146	5.1		.0	146	5.1
DEWEY			25	4.2		.0	25	4.2
ELLIS	22	4.4	20	4.0		.0	20	4.0
GARFIELD	538	9.2	389	6.7	1	.0	390	6.7
GARVIN	210	7.4	233	8.2	1	.0	234	8.2
GRADY	295	7.0	301	7.1		.0	301	7.1
GRANT	38	6.3	9	1.5		.0	9	1.5
GREER	38	5.8	47	7.1		.0	47	7.1
HARMON	24	5.9	23	5.6		.0	23	5.6
HARPER	31	7.0	23	5.2		.0	23	5.2
HASKELL	130	11.1	74	6.3	1	.1	75	6.4
HUGHES	75	5.2	68	4.7		.0	68	4.7
JACKSON	220	7.4	179	6.0	3	.1	182	6.1
JEFFERSON	74	10.0	58	7.8	2	.3	60	8.1
JOHNSTON	77	7.1	45	4.1		.0	45	4.1
KAY	556	10.9	308	6.0		.0	308	6.0
KINGFISHER	109	7.5	82	5.6		.0	82	5.6
KIOWA	95	7.9	84	6.9		.0	84	6.9
LATIMER	79	7.2	65	6.0		.0	65	6.0
LEFLORE	402	8.7	427	9.2	1	.0	428	9.2
LINCOLN	208	7.1	179	6.1		.0	179	6.1
LOGAN	237	8.0	160	5.4		.0	160	5.4
LOVE	134	16.5	67	8.3		.0	67	8.3
MCCLAIN	192	8.0	130	5.4		.0	130	5.4
MCCURTAIN	313	8.6	138	3.8	4	.1	142	3.9
MCINTOSH	125	7.2	89	5.1	2	.1	91	5.3
MAJOR	56	6.4	38	4.3		.0	38	4.3
MARSHALL	99	8.4	57	4.8	1	.1	58	4.9
MAYES	221	6.3	230	6.6		.0	230	6.6
MURRAY	117	9.4	57	4.6		.0	57	4.6
MUSKOGEE	668	9.7	519	7.5		.0	519	7.5
NOBLE	77	6.8	43	3.8		.0	43	3.8
NOWATA	62	5.9	61	5.8		.0	61	5.8
OKFUSKEE	80	7.1	42	3.7		.0	42	3.7
OKLAHOMA	6,854	11.2	4,811	7.8	15	.0	4,826	7.9
OKMULGEE	285	7.3	278	7.1	1	.0	279	7.2
OSAGE	144	3.6	172	4.4	1	.0	173	4.4
OTTAWA	3,768	114.9	79	2.4	1	.0	80	2.4
PAWNEE	126	7.6	120	7.3	3	.2	123	7.5
PAYNE	533	8.4	324	5.1	2	.0	326	5.1
PITTSBURG	422	9.8	300	7.0	10	.2	310	7.2
PONTOTOC	327	9.5	224	6.5		.0	224	6.5
POTTAWATOMIE	634	10.7	405	6.8	1	.0	406	6.9
PUSHMATAHA	92	7.7	67	5.6		.0	67	5.6
ROGER MILLS	29	5.7	16	3.1		.0	16	3.1
ROGERS	328	5.9	394	7.1	2	.0	396	7.1
SEMINOLE	205	7.5	173	6.4	1	.0	174	6.4
SEQUOYAH	236	6.6	283	7.9		.0	283	7.9
STEPHENS	316	7.3	294	6.8	1	.0	295	6.9
TEXAS	141	8.4	87	5.2		.0	87	5.2
TILLMAN	70	6.3	57	5.1	1	.1	58	5.2
TULSA	5,051	9.8	4,500	8.7	34	.1	4,534	8.8
WAGONER	190	3.7	367	7.2		.0	367	7.2
WASHINGTON	420	9.3	304	6.8	2	.0	306	6.8
WASHITA	63	5.2	60	5.0		.0	60	5.0
WOODS	61	6.2	28	2.8		.0	28	2.8
WOODWARD	176	8.8	136	6.8		.0	136	6.8
ENTIRE STATE	32,923	10.2	22,919	7.1	129	.0	23,048	7.1

TECHNICAL APPENDIX

DEFINITIONS

Birth Weight	Weight of infant at time of delivery
Fetal Death (Stillbirth)	Death prior to the complete expulsion or extraction from its mother of a product of human conception after a period of gestation as prescribed by the State Board of Health. The death is indicated by the fact that, after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles
Infant Death	Death occurring to individuals of less than one year of age
Live Birth	The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached
Low-Weight Birth	Birth wherein the weight is equivalent to or less than 5 lb. 8 oz
Maternal Death	Death in which the physician has designated a condition related to pregnancy, childbirth, or the puerperium as the underlying cause of death
Neonatal Death	Death occurring to individuals of less than 28 days of age
Occurrence	Place where the event occurred
Out-of-Wedlock Birth	Birth wherein there is no marital tie between mother and father
Perinatal Death	Death occurring to a fetus 20 weeks gestation or more, or to an infant 28 days or less
Residence	The usual place of residence of the individual. For deaths, this is defined as the usual residence of the decedent as indicated on the certificate; for births and fetal deaths, the residence is defined as the usual place of residence of the mother
Metropolitan Statistical Area (MSA)	A county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more
Underlying Cause of Death	That disease or condition which gave rise to the chain of morbid events leading to death OR the circumstances of the accident or violence that produced the fatal injury

RATES AND RATIOS

Cause-Specific Death Rate $= \dfrac{\text{Number of Resident Deaths from a Particular Cause}}{\text{Total Resident Population}} \times 100{,}000$

Crude Birth Rate $= \dfrac{\text{Number of Resident Births}}{\text{Total Resident Population}} \times 100{,}000$

Crude Death Rate $= \dfrac{\text{Number of Resident Deaths}}{\text{Total Resident Population}} \times 100{,}000$

Divorce Rate $= \dfrac{\text{Number of Divorces and Annulments}}{\text{Total Resident Population}} \times 1{,}000$

Fertility Rate $= \dfrac{\text{Number of Resident Live Births}}{\text{Total Female Population (15-44)}} \times 1{,}000$

Fetal Mortality Rate $= \dfrac{\text{Number of Resident Fetal Deaths}}{\text{Total Resident Live Births and Resident Fetal Deaths}} \times 1{,}000$

Fetal Mortality Ratio $= \dfrac{\text{Number of Resident Fetal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Infant Mortality Rate $= \dfrac{\text{Number of Infant Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Marriage Rate $= \dfrac{\text{Number of Marriages}}{\text{Total Resident Population}} \times 1{,}000$

Maternal Mortality Rate $= \dfrac{\Sigma\ \text{Number of Maternal Deaths}}{\Sigma\ \text{Total Resident Live Births}} \times 10{,}000$

Median Age = That age above and below which one-half of the age distribution lies

Neonatal Mortality Rate $= \dfrac{\text{Number of Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Perinatal Mortality Rate $= \dfrac{\text{Number of Perinatal Deaths}}{\text{Total Resident Live Births and Resident Fetal Deaths}} \times 1{,}000$

Post-Neonatal Mortality Rate $\dfrac{\text{Infant Deaths - Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Out-of-Wedlock Ratio $= \dfrac{\text{Number of Resident Out-of-Wedlock Births}}{\text{Total Resident Live Births}} \times 1{,}000$

Sex Ratio $= \dfrac{\text{Number of Males}}{\text{Number of Females}} \times 100$

NOTE ON THE USE OF RATES

Rates based on a small number of events may exhibit considerable variation from time period to time period or from place to place even though there may be a change or difference of only one or two events. Also, care should be taken in attributing differences in rates between different areas to particular factors since the rate of an area is largely influenced by the demographic composition of the population. Conclusions drawn from comparing vital statistics rates should be evaluated in light of these factors.

STATISTICAL VARIABLES AVAILABLE

BIRTHS/FETAL DEATHS	DEATHS/INFANT AND NEONATAL DEATHS
Race	Race
Sex	Sex
Age of Mother	Age Groups
Attendant	Month
Hospital	34 Causes
	Individual Cause
County of Residence	County of Residence
City of Residence (>2,500 Pop.)	City of Residence (>2,500 Pop.)
Out-of-State Residence	Out-of-State Residence
Out-of-State Occurrence	Out-of-State Occurrence

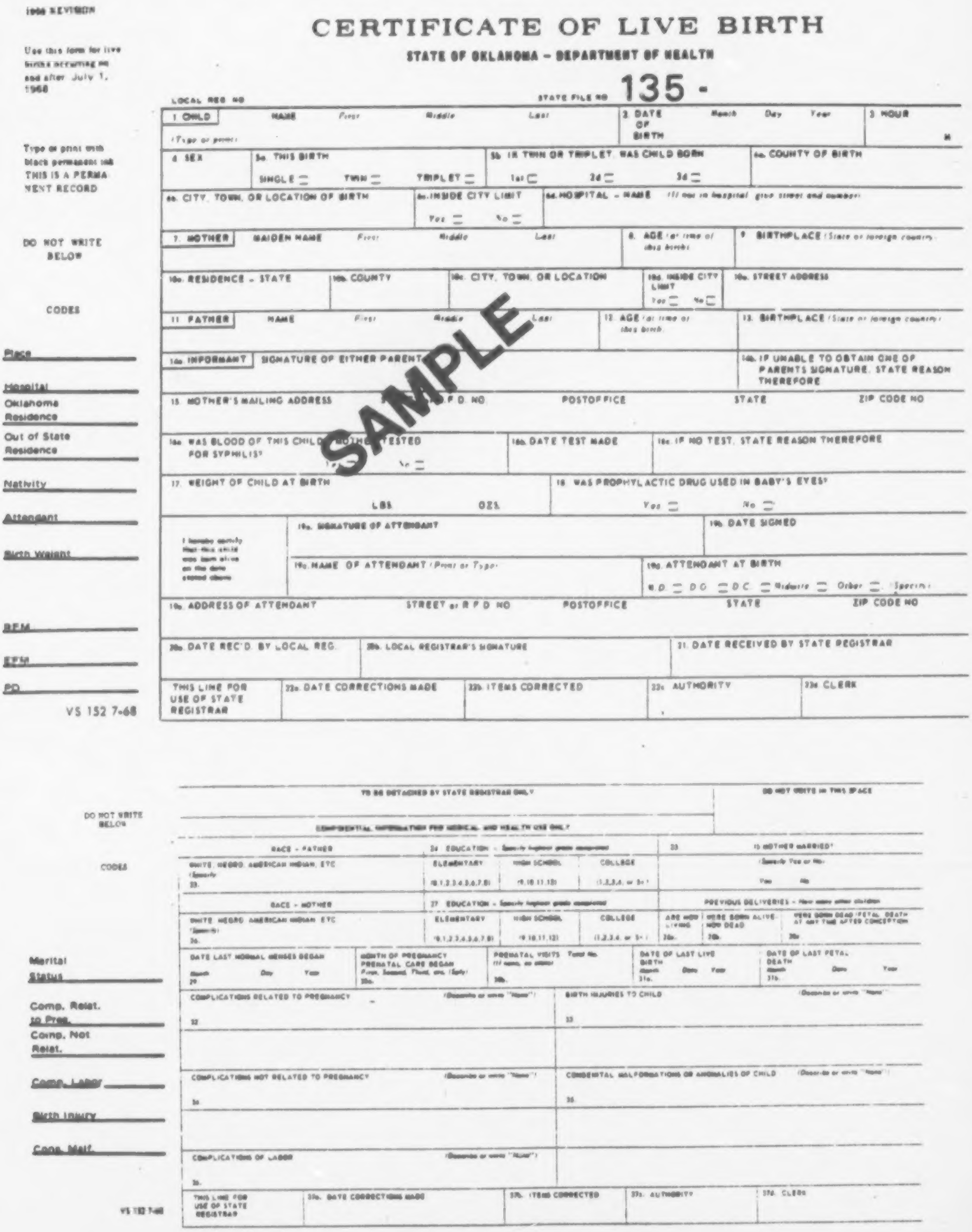
GENERAL PATTERN OF VITAL STATISTICS REGISTRATION IN OKLAHOMA

RESPONSIBLE PERSON OR AGENCY	BIRTH CERTIFICATE	DEATH CERTIFICATE	FETAL DEATH CERTIFICATE (Stillbirth)
Hospital Administrator or his Designee or Other Attendant	1. Completes entire certificate in consultation with parent(s). 2. Files certificate with Local Registrar.	**********************	**********************
Funeral Director	********************** **********************	1. Obtains personal facts about decedent and completes that portion of the certificate. 2. Delivers certificate to physician for completion of medical certification. 3. Files certificate with Local Registrar. 4. Obtains authorization for disposition of body.	1. Obtains personal data from next of kin. 2. Obtains medical certification of cause of death from physician. 3. Files certificate with Local Registrar. 4. Obtains authorization for disposition of fetus.
Physician or Other Attendant	Provides medical information and signs certificate.	Completes medical certification portion and signs certificate.	Completes medical certification portion and signs certificate.
Local Registrar	1. Verifies accuracy and completeness of certificate and queries incomplete or inconsistent certificates. 2. Sends certificate to State Registrar.	1. Verifies completeness and accuracy of certificate and queries inconsistent or incomplete certificates. 2. Issues authorization for disposition of body and sends certificate to State Registrar.	1. Verifies completeness and accuracy of certificate and queries inconsistent or incomplete certificates. 2. Issues authorization for disposition of fetus and sends certificate to State Registrar.

City and county health departments use data derived from these records in allocating medical and nursing services, follow-ups of infectious diseases, planning programs, measuring effectiveness of services, and conducting studies.

State Registrar, Vital Records Division	1. Queries incomplete or inconsistent information. 2. Maintains files for permanent reference and is the source of certified copies.
Data Management Division, Public Health Statistics Section	1. Develops vital statistics for use in planning, evaluation, and administering State and local health activities and for research studies. 2. Compiles health related statistics for State and vital divisions of State for use of the Health Department and other agencies and groups interested in the fields of medical science, public health, demography, and social welfare. 3. Sends copies of records or data derived from records to the National Center for Health Statistics.
Public Health Service - National Center for Health Statistics	1. Prepares and publishes national statistics of births, deaths, and fetal deaths, and constructs official U.S. life tables and related actuarial tables. 2. Conducts health and social research studies based on vital records and on sampling surveys linked to records. 3. Conducts research and methodological studies in vital statistics methods, including the technical, administrative, and legal aspects of vital records registration and administration. 4. Maintains a continuing technical assistance program to improve the quality and usefulness of vital statistics.

FIGURE 1



1968 REVISION

Use this form for live births occurring on and after July 1, 1968

Type or print with black permanent ink THIS IS A PERMANENT RECORD

DO NOT WRITE BELOW

CODES

Place

Hospital

Oklahoma Residence

Out of State Residence

Nativity

Attendant

Birth Weight

BFM

EFM

PD

VS 152 7-68

CERTIFICATE OF LIVE BIRTH

STATE OF OKLAHOMA – DEPARTMENT OF HEALTH

LOCAL REG NO

STATE FILE NO 135 -

1 CHILD NAME First Middle Last (Type or print)

2 DATE OF BIRTH Month Day Year

3 HOUR M

4 SEX

5a. THIS BIRTH SINGLE ☐ TWIN ☐ TRIPLET ☐

5b. IF TWIN OR TRIPLET, WAS CHILD BORN 1st ☐ 2d ☐ 3d ☐

6a. COUNTY OF BIRTH

6b. CITY, TOWN, OR LOCATION OF BIRTH

6c. INSIDE CITY LIMIT Yes ☐ No ☐

6d. HOSPITAL – NAME (If not in hospital, give street and number)

7. MOTHER MAIDEN NAME First Middle Last

8. AGE (at time of this birth)

9 BIRTHPLACE (State or foreign country)

10a. RESIDENCE – STATE

10b. COUNTY

10c. CITY, TOWN, OR LOCATION

10d. INSIDE CITY LIMIT Yes ☐ No ☐

10e. STREET ADDRESS

11 FATHER NAME First Middle Last

12. AGE (at time of this birth)

13. BIRTHPLACE (State or foreign country)

14a. INFORMANT SIGNATURE OF EITHER PARENT

14b. IF UNABLE TO OBTAIN ONE OF PARENTS SIGNATURE, STATE REASON THEREFORE

15. MOTHER'S MAILING ADDRESS STREET or R.F.D. NO POSTOFFICE STATE ZIP CODE NO

16a. WAS BLOOD OF THIS CHILD'S MOTHER TESTED FOR SYPHILIS? Yes ☐ No ☐

16b. DATE TEST MADE

16c. IF NO TEST, STATE REASON THEREFORE

17. WEIGHT OF CHILD AT BIRTH LBS. OZS.

18. WAS PROPHYLACTIC DRUG USED IN BABY'S EYES? Yes ☐ No ☐

I hereby certify that this child was born alive on the date stated above

19a. SIGNATURE OF ATTENDANT

19b. DATE SIGNED

19c. NAME OF ATTENDANT (Print or Type)

19d. ATTENDANT AT BIRTH M.D. ☐ D.O. ☐ D.C. ☐ Midwife ☐ Other ☐ (Specify)

19e. ADDRESS OF ATTENDANT STREET or R F D NO POSTOFFICE STATE ZIP CODE NO

20a. DATE REC'D. BY LOCAL REG.

20b. LOCAL REGISTRAR'S SIGNATURE

21. DATE RECEIVED BY STATE REGISTRAR

THIS LINE FOR USE OF STATE REGISTRAR

22a. DATE CORRECTIONS MADE

22b. ITEMS CORRECTED

22c. AUTHORITY

22d. CLERK

SAMPLE

DO NOT WRITE BELOW

CODES

Marital Status

Comp. Relat. to Preg.

Comp. Not Relat.

Comp. Labor

Birth Injury

Cong. Malf.

VS 152 7-68

TO BE DETACHED BY STATE REGISTRAR ONLY

DO NOT WRITE IN THIS SPACE

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE – FATHER WHITE, NEGRO, AMERICAN INDIAN, ETC (Specify) 23.

24 EDUCATION – Specify highest grade completed ELEMENTARY (0,1,2,3,4,5,6,7,8) HIGH SCHOOL (9,10,11,12) COLLEGE (1,2,3,4, or 5+)

25 IS MOTHER MARRIED? (Specify Yes or No) Yes No

RACE – MOTHER WHITE, NEGRO, AMERICAN INDIAN, ETC (Specify) 26.

27 EDUCATION – Specify highest grade completed ELEMENTARY (0,1,2,3,4,5,6,7,8) HIGH SCHOOL (9,10,11,12) COLLEGE (1,2,3,4, or 5+)

PREVIOUS DELIVERIES – How many other children

28a. ARE NOW LIVING

28b. WERE BORN ALIVE, NOW DEAD

28c. WERE BORN DEAD (FETAL DEATH AT ANY TIME AFTER CONCEPTION)

29 DATE LAST NORMAL MENSES BEGAN Month Day Year

30a. MONTH OF PREGNANCY PRENATAL CARE BEGAN First, Second, Third, etc. (Specify)

30b. PRENATAL VISITS Total No. (If none, so state)

31a. DATE OF LAST LIVE BIRTH Month Date Year

31b. DATE OF LAST FETAL DEATH Month Date Year

32 COMPLICATIONS RELATED TO PREGNANCY (Describe or write "None")

33 BIRTH INJURIES TO CHILD (Describe or write "None")

34 COMPLICATIONS NOT RELATED TO PREGNANCY (Describe or write "None")

35 CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "None")

36. COMPLICATIONS OF LABOR (Describe or write "None")

THIS LINE FOR USE OF STATE REGISTRAR

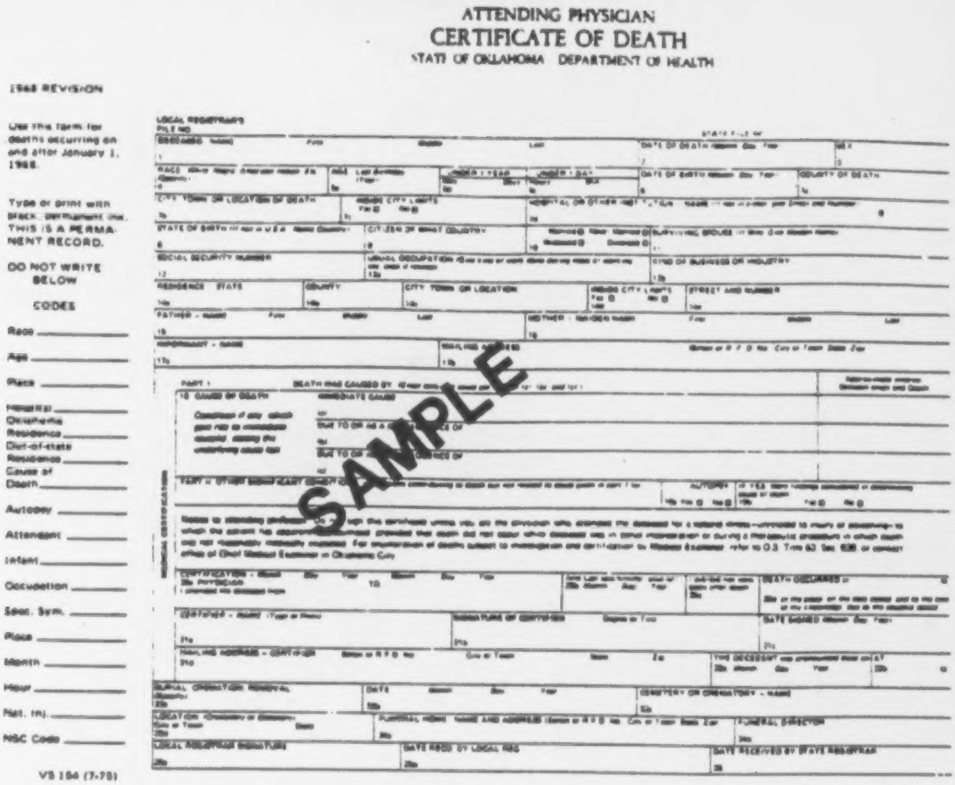
37a. DATE CORRECTIONS MADE

37b. ITEMS CORRECTED

37c. AUTHORITY

37d. CLERK

FIGURE 2



ATTENDING PHYSICIAN
CERTIFICATE OF DEATH
STATE OF OKLAHOMA DEPARTMENT OF HEALTH

1968 REVISION

Use this form for deaths occurring on and after January 1, 1968.

Type or print with black, permanent ink. THIS IS A PERMANENT RECORD.

DO NOT WRITE BELOW

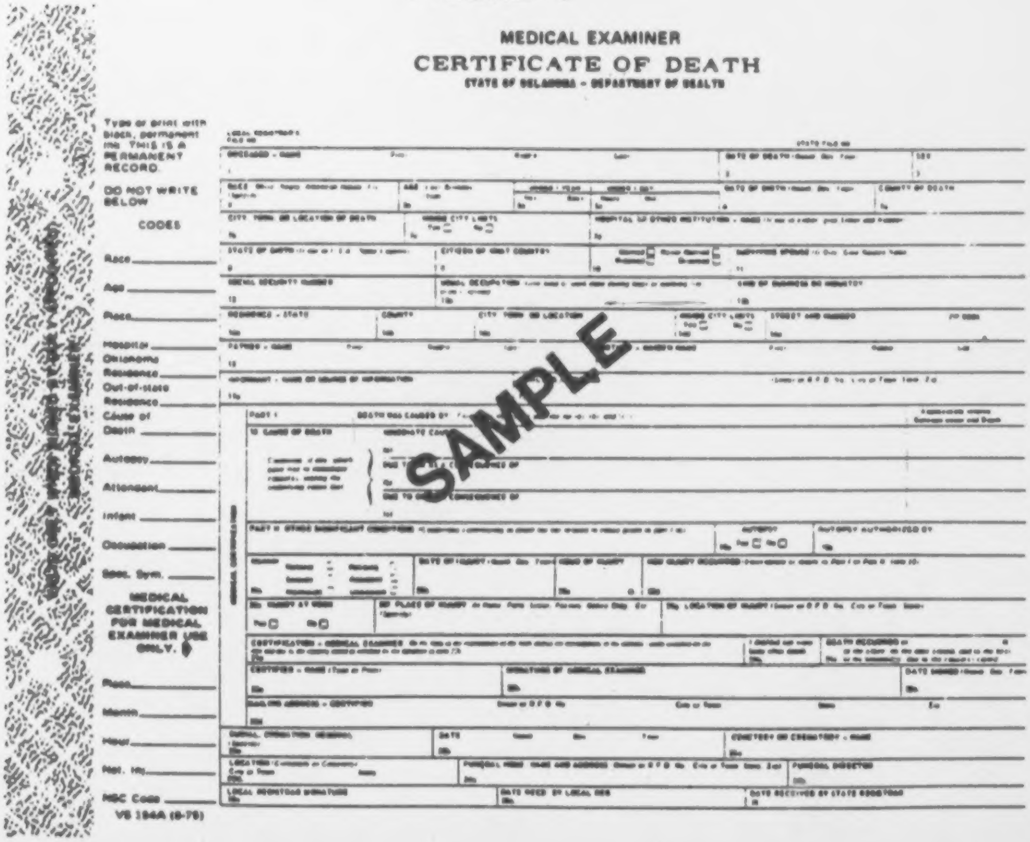
CODES

Race ____
Age ____
Place ____
Hospital ____
Oklahoma Residence ____
Out-of-state Residence ____
Cause of Death ____
Autopsy ____
Attendant ____
Infant ____
Occupation ____
Spec. Sym. ____
Place ____
Month ____
Hour ____
Nat. Inj. ____
NSC Code ____

SAMPLE

VS 184 (7-75)

FIGURE 3



MEDICAL EXAMINER
CERTIFICATE OF DEATH
STATE OF OKLAHOMA - DEPARTMENT OF HEALTH

Type or print with black, permanent ink. THIS IS A PERMANENT RECORD.

DO NOT WRITE BELOW

CODES

Race ____
Age ____
Place ____
Hospital ____
Oklahoma Residence ____
Out-of-state Residence ____
Cause of Death ____
Autopsy ____
Attendant ____
Infant ____
Occupation ____
Spec. Sym. ____

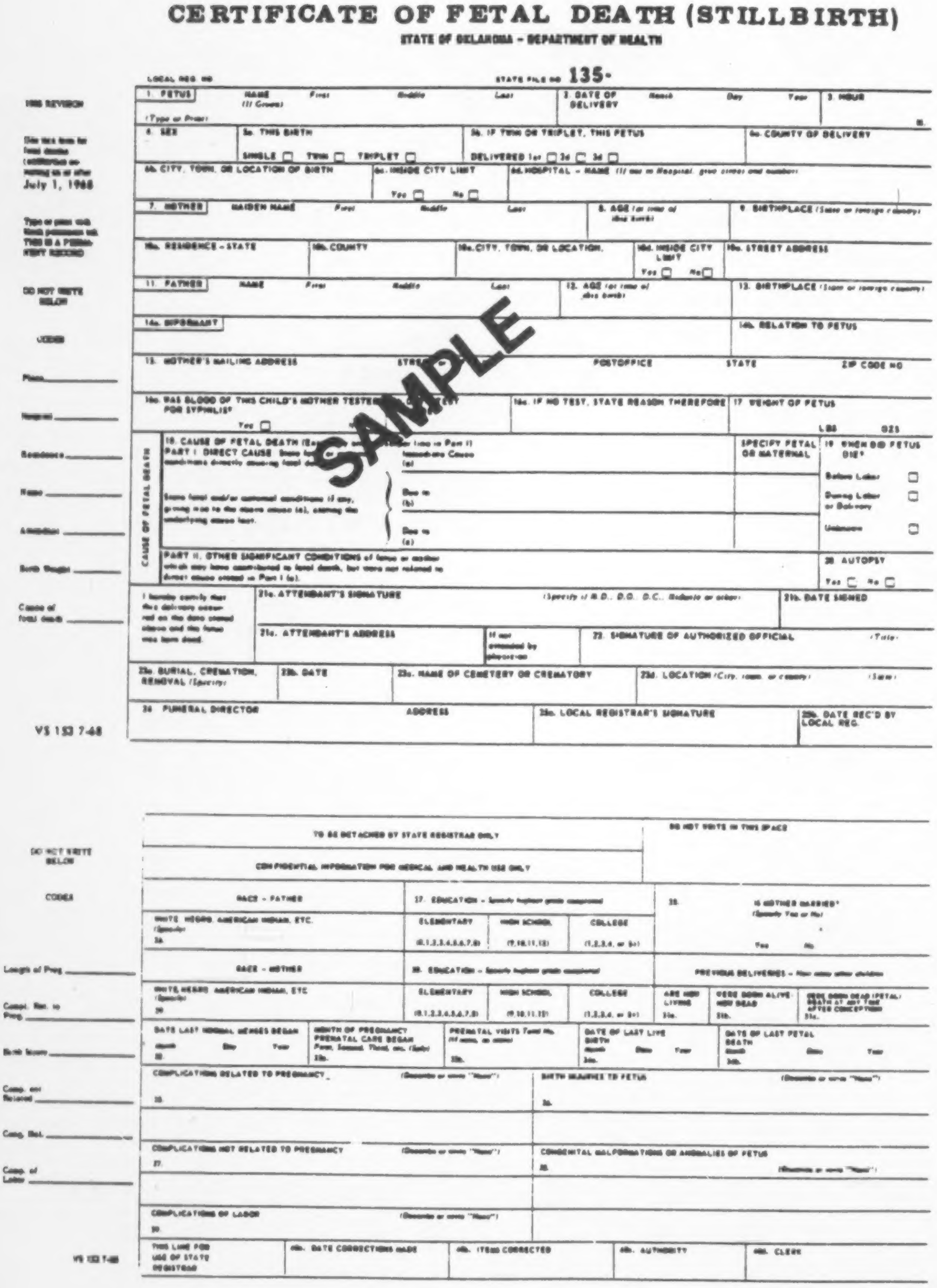
MEDICAL CERTIFICATION FOR MEDICAL EXAMINER USE ONLY.

Place ____
Month ____
Hour ____
Nat. Inj. ____
NSC Code ____

SAMPLE

VS 184A (8-75)

FIGURE 4



CERTIFICATE OF FETAL DEATH (STILLBIRTH)

STATE OF OKLAHOMA – DEPARTMENT OF HEALTH

LOCAL REG. NO.
STATE FILE NO. 135-

1968 REVISION

Use this form for fetal deaths occurring on or after July 1, 1968

Type or print with black permanent ink. THIS IS A PERMANENT RECORD

DO NOT WRITE BELOW

CODES

1. FETUS NAME (If Given) First Middle Last (Type or Print)
2. DATE OF DELIVERY Month Day Year
3. HOUR M.
4. SEX
5a. THIS BIRTH SINGLE ☐ TWIN ☐ TRIPLET ☐
5b. IF TWIN OR TRIPLET, THIS FETUS DELIVERED 1st ☐ 2d ☐ 3d ☐
6a. COUNTY OF DELIVERY
6b. CITY, TOWN, OR LOCATION OF BIRTH
6c. INSIDE CITY LIMIT Yes ☐ No ☐
6d. HOSPITAL – NAME
7. MOTHER MAIDEN NAME First Middle Last
8. AGE (at time of this birth)
9. BIRTHPLACE (State or foreign country)
10a. RESIDENCE – STATE
10b. COUNTY
10c. CITY, TOWN, OR LOCATION
10d. INSIDE CITY LIMIT Yes ☐ No ☐
10e. STREET ADDRESS
11. FATHER NAME First Middle Last
12. AGE (at time of this birth)
13. BIRTHPLACE (State or foreign country)
14a. INFORMANT
14b. RELATION TO FETUS
15. MOTHER'S MAILING ADDRESS STREET POSTOFFICE STATE ZIP CODE NO.
16a. WAS BLOOD OF THIS CHILD'S MOTHER TESTED FOR SYPHILIS? Yes ☐
16b. IF NO TEST, STATE REASON THEREFORE
17. WEIGHT OF FETUS LBS OZS

CAUSE OF FETAL DEATH

18. CAUSE OF FETAL DEATH
PART I. DIRECT CAUSE
Immediate Cause (a)
Due to (b)
Due to (c)
SPECIFY FETAL OR MATERNAL
19. WHEN DID FETUS DIE?
Before Labor ☐
During Labor or Delivery ☐
Unknown ☐
PART II. OTHER SIGNIFICANT CONDITIONS of fetus or mother which may have contributed to fetal death, but were not related to direct cause stated in Part I (a).
20. AUTOPSY Yes ☐ No ☐

I hereby certify that this delivery occurred on the date stated above and the fetus was born dead.
21a. ATTENDANT'S SIGNATURE (Specify M.D., D.O., D.C., Midwife or other)
21b. DATE SIGNED
21c. ATTENDANT'S ADDRESS
If not attended by physician
22. SIGNATURE OF AUTHORIZED OFFICIAL (Title)
23a. BURIAL, CREMATION, REMOVAL (Specify)
23b. DATE
23c. NAME OF CEMETERY OR CREMATORY
23d. LOCATION (City, town, or county) (State)
24. FUNERAL DIRECTOR ADDRESS
25a. LOCAL REGISTRAR'S SIGNATURE
25b. DATE REC'D BY LOCAL REG.

Place
Hospital
Residence
Name
Attendant
Birth Weight
Cause of fetal death

VS 153 7-68

TO BE DETACHED BY STATE REGISTRAR ONLY

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

DO NOT WRITE IN THIS SPACE

DO NOT WRITE BELOW

CODES

RACE – FATHER
WHITE, NEGRO, AMERICAN INDIAN, ETC. (Specify)
EDUCATION – Specify highest grade completed
ELEMENTARY (0,1,2,3,4,5,6,7,8) HIGH SCHOOL (9,10,11,12) COLLEGE (1,2,3,4, or 5+)
IS MOTHER MARRIED? (Specify Yes or No) Yes No
RACE – MOTHER
WHITE, NEGRO, AMERICAN INDIAN, ETC. (Specify)
EDUCATION – Specify highest grade completed
ELEMENTARY (0,1,2,3,4,5,6,7,8) HIGH SCHOOL (9,10,11,12) COLLEGE (1,2,3,4, or 5+)
PREVIOUS DELIVERIES
ARE NOW LIVING
WERE BORN ALIVE NOW DEAD
WERE BORN DEAD (FETAL DEATH AT ANY TIME AFTER CONCEPTION)
DATE LAST NORMAL MENSES BEGAN Month Day Year
MONTH OF PREGNANCY PRENATAL CARE BEGAN First, Second, Third, etc. (Specify)
PRENATAL VISITS Total No. (If none, so state)
DATE OF LAST LIVE BIRTH Month Day Year
DATE OF LAST FETAL DEATH Month Day Year
COMPLICATIONS RELATED TO PREGNANCY (Describe or write "None")
BIRTH INJURIES TO FETUS (Describe or write "None")
COMPLICATIONS NOT RELATED TO PREGNANCY (Describe or write "None")
CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "None")
COMPLICATIONS OF LABOR (Describe or write "None")
THIS LINE FOR USE OF STATE REGISTRAR
DATE CORRECTIONS MADE
ITEMS CORRECTED
AUTHORITY
CLERK

Length of Preg.
Compl. Rel. to Preg.
Birth Injury
Comp. not Related
Cong. Mal.
Comp. of Labor

VS 153 7-68

**DIVISION OF
DATA MANAGEMENT**

Oklahoma State Department of Health
1000 N.E. Tenth
Oklahoma City 73152